File Copy

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975–1976
PHYSICAL OCEANOGRAPHY DATA REPORT
PROFILING CURRENT METER DATA
CAMP SNOWBIRD

Drawer 8
Folder 18

VOLUME 3

by T. O. Manley, Kenneth Hunkins and Werner Tiemann

CU-6-80 TECHNICAL REPORT No. 6

Department of the Navy
Office of Naval Research
Contract N00014-76-C-0004
Publication Support: NSF DPP-80-25211

February 1980

LAMONT-DOHERTY GEOL. OBS.
ARCTIC OCEANOGRAPHY

Approved for public release: distribution unlimited

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976

PHYSICAL OCEANOGRAPHY DATA REPORT

PROFILING CURRENT METER DATA -- CAMP SNOWBIRD

Volume 3

prepared by

T.O. Manley, Kenneth Hunkins, Werner Tiemann

CU-6-80, Technical Report No. 6

Department of the Navy
Office of Naval Research
Contract N00014-76-C-0004
Publication Support: NSF DPP-80-25211

Approved for public release, distribution unlimited

February, 1980

Lamont-Doherty Geological Observatory of Columbia University
New York, N.Y.

Digitized by the Internet Archive
in 2020 with funding from
Columbia University Libraries

https://archive.org/details/arcticicedynamic00manl_0

TABLE OF CONTENTS

Page

TABLE OF CONTENTS ii

ABSTRACT iii

LIST OF FIGURES v

LIST OF TABLES vii

INTRODUCTION 1

PCM RELIABILITY 11

INITIAL DATA REDUCTION 14

COMPUTER REDUCTION 16

INTERPOLATED POSITION AND ICE VELOCITY 25

ERROR ESTIMATES FOR INTERPOLATED POSITION AND ICE VELOCITY 27

OUTPUT FORMAT OF FINAL DATA 39

FEATURES OBSERVED IN THE PROFILING CURRENT METER DATA 42

1. THE EKMAN LAYER 42
2. SUBSURFACE EDDIES 45
3. WIND-DRIVEN CURRENTS 49

ACKNOWLEDGEMENTS 54

APPENDIX 1 55

APPENDIX 2 56

APPENDIX 3 62

REFERENCES 64

RESULTS 66

PCM STATION LISTINGS 67

ABSTRACT

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976
PHYSICAL OCEANOGRAPHY DATA REPORT
PROFILING CURRENT METER DATA - CAMP SNOWBIRD
VOLUME 3

by T.O. Manley, Kenneth Hunkins, and Werner Tiemann

The oceanographic program of the 1975-1976 ARCTIC ICE DYNAMIC JOINT EXPERIMENT (AIDJEX) was designed to investigate the Arctic Ocean on space scales of 100 kilometers in the horizontal and hundreds of meters in the vertical. This was accomplished with oceanographic observations from a triangular array of three smaller manned satellite camps with a centrally located larger main camp. The radio call signs of the satellite camps were Caribou, Blue Fox, and Snowbird, the main camp being designated Big Bear.

Profiles of relative current speed and direction were measured twice each day between the surface and 200 meters at each of the four camps. A profiling current meter (PCM) with speed, direction and depth sensors was lowered and retrieved with a multi-conductor cable at a slow rate of 5 meters per minute. Sensor signals were transmitted by cable to be recorded graphically and digitally at the surface. Digital recording of the data at a slow rate of 1 scan per half minute along with a low signal-to-noise ratio made it preferable to manually digitize the analog charts to preserve as much information as possible.

The final data set consisting of absolute velocity profiles of speed and direction was obtained by the vector addition of the relative PCM profiles with the interpolated ice velocity based on precise satellite navigation at the time of the observation. Data reduction problems included a hysteresis effect between up and down traces due to cable angle, directional spikes resulting from a rapid sensor package rotation, and spurious results when low velocities are added vectorially.

Relative speed between the ice and water in the upper mixed layer is often small indicating that this layer closely follows the ice motion. Persistent large clockwise shears in relative current direction occur sometimes in the mixed layer, attaining up to 540 degrees of rotation. These are best seen in the relative velocity data. Upon the addition of the ice velocity vector, to produce absolute velocities, the smooth relative directional shear of the Ekman spiral then exhibits local shears and speed minimums. This is due to the directions and speeds in the spiral being opposite or nearly opposite to the ice velocity vector and of comparable magnitude.

One of the most striking features of the current profiles is the appearance from time to time of swift currents below the mixed layer with speeds attaining 60 cm/sec. The depth of maximum velocity ranges from 80 to 190 meters. Although evidence of swift transient undercurrents had been observed in the Arctic Ocean as early as 1937, it was not until 1974 that these currents were shown to be associated with mesoscale eddies.

This data report deals only with the absolute velocity data obtained from the profiling current meter at Camp Snowbird. PCM data for camps Caribou, Blue Fox and Big Bear are in separate volumes (Manley et al., 1980). Data reports pertaining to the salinity-temperature-depth (STD) data taken at the manned AIDJEX camps are also in separate volumes (Bauer et al., 1980).

LIST OF FIGURES

		Page
1.	Beginning and ending positions of the four manned camps.	2
2.	Detailed drift track of camp Caribou	3
3.	Detailed drift track of camp Blue Fox	4
4.	Detailed drift track of camp Snowbird	5
5.	Detailed drift track of camp Big Bear	6
6.	Speed calibration segment and corresponding linear regression - camp Big Bear	13
7.	Flow diagram of processing scheme	17
8.	Profile with sensor-induced 360° rotation	20
9.	Profile of Figure 8 after visual editing	20
10.	Example of summer inertial oscillations	28
11.	Example of winter segment with very low amplitude inertial oscillations	29
12.	Raw error data for latitude - camp Blue Fox	32
13.	Raw error data for longitude - camp Blue Fox	32
14.	Raw error data for north ice velocity - camp Blue Fox	33
15.	Raw error data for east ice velocity - camp Blue Fox	33
16.	95% confidence limit curve for Figure 12	34
17.	95% confidence limit curve for Figure 13	34
18.	95% confidence limit curve for Figure 14	35
19.	95% confidence limit curve for Figure 15	35
20.	Blue Fox summer error curves for latitude, showing relative importance of time ratio and time difference	37
21.	Comparison of an Ekman Spiral in both the relative and absolute velocity data	44
22.	Eddy observed at camp Caribou - station 96	47
23.	Eddy observed at camp Blue Fox - station 51	47

LIST OF FIGURES

		Page
24.	Eddy observed at camp Snowbird - station 49	48
25.	Eddy observed at camp Big Bear - station 154	48
26.	PCM data at camp Caribou through time at preselected depths of 50, 100, 150 and 175 meters	50
27.	PCM data at camp Blue Fox through time at preselected depths of 50, 100, 150 and 175 meters	51
28.	PCM data at camp Snowbird through time at preselected depths of 50, 100, 150 and 175 meters	52
29	PCM data at camp Big Bear through time at preselected depths of 50, 100, 150 and 175 meters	53

LIST OF TABLES

		Page
1.	Breakdown of PCM stations taken at each camp along with starting and ending dates	7
2.	Hydro-hole thicknesses at each of the manned camps	23
3.	List of meanings for the terms used in the "RESULTS" section	41

INTRODUCTION

The objective of the AIDJEX oceanographic program was to monitor velocity and mass fields in the upper levels of the Arctic Ocean from the four manned camps in order to provide an understanding of the interaction between ice and water.

The initial deployment of the manned camps began in March of 1975 with the establishment of the main camp, Big Bear. The satellite camps were then established during the next month and a half. The scientific program at each camp began as soon after its establishment as possible. Inclusive dates for the beginning and ending of the profiling current meter work done at each camp is listed in Table 1. Big Bear broke up in early October of 1975 and its scientific and logistic functions were transferred to the satellite camp Caribou. All of the other camps remained in operation until the closing, according to schedule, in May 1976. Figure 1 shows the position of the camps during the initial deployment in March of 1975.

The drift tracks that each camp made during the duration of the experiment are shown in Figures 2 through 5. A thumbnail sketch locates the plotted region with respect to the Alaskan and Canadian coasts. The asterisks indicate the positions at integral multiples of 20 days. The beginning and ending days are noted for each trajectory. A dashed line indicates a period of missing data. The region is 500 kilometers by 500 kilometers aligned with the x-y coordinate system shown in Appendix 1. Figures 2-5 were taken from Thorndike and Cheung, 1977.

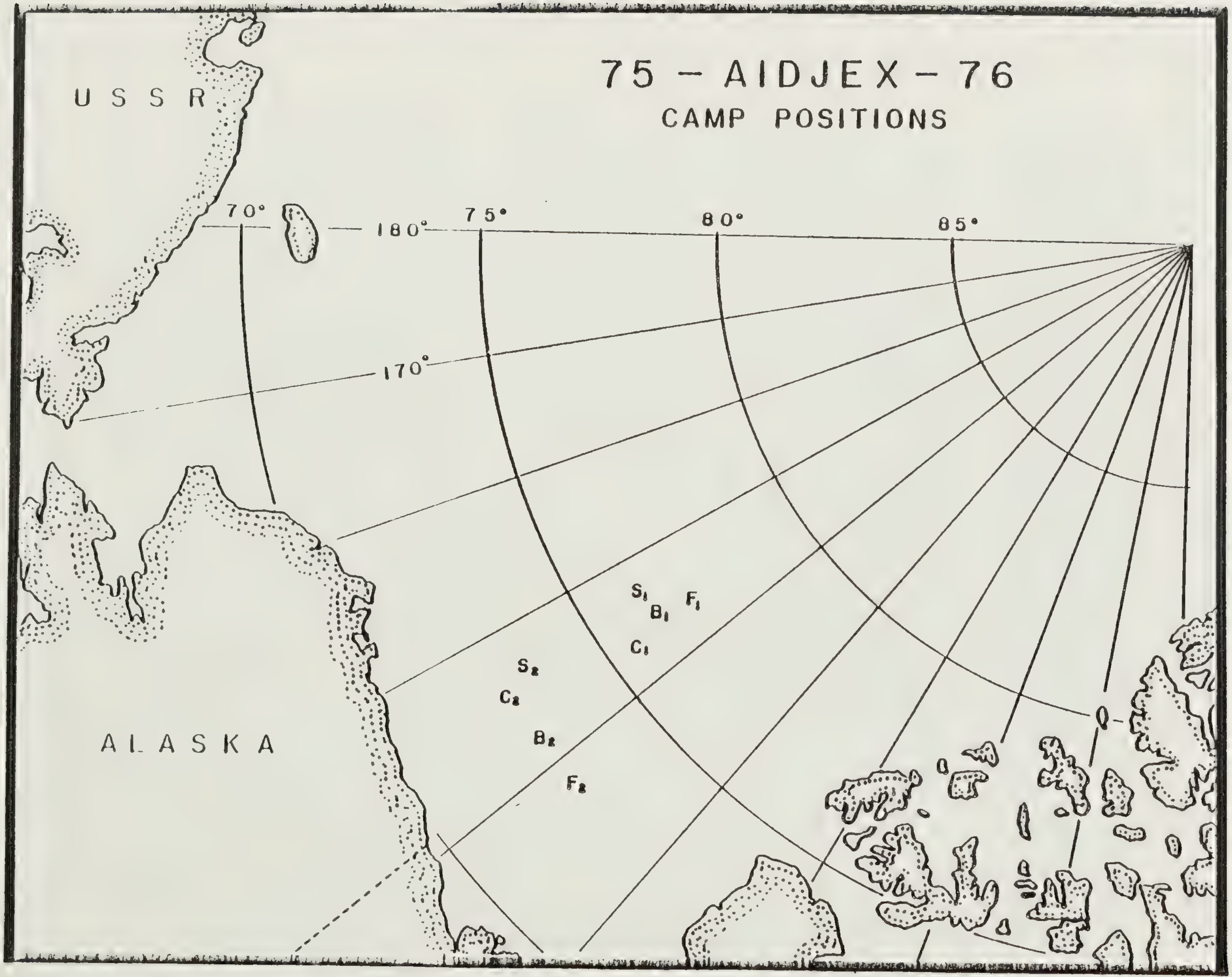

75 – AIDJEX – 76
CAMP POSITIONS
USSR
ALASKA
70°
75°
80°
85°
180°
170°
S1
B1
F1
C1
S2
C2
B2
F2

Figure 1. Beginning and ending positions of the four manned AIDJEX camps Caribou (C), Blue Fox (F), Snowbird (S) and Big Bear. Subscripts of 1 indicate the beginning positions. A subscript of 2 indicates the final position of the camp.

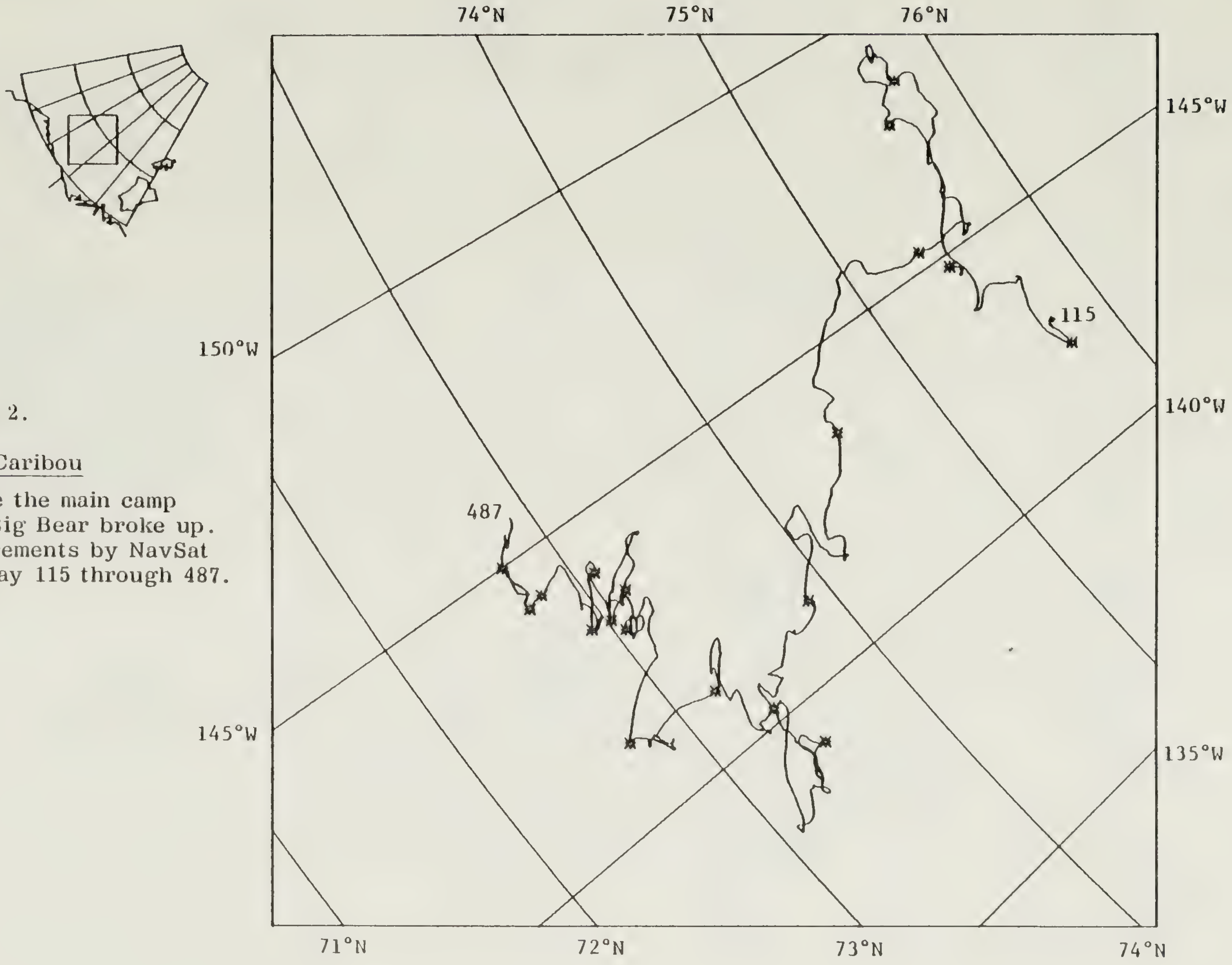

74°N
75°N
76°N
145°W
150°W
140°W
145°W
135°W
71°N
72°N
73°N
74°N
115
487

Figure 2.

Camp Caribou

Became the main camp
after Big Bear broke up.
Measurements by NavSat
from day 115 through 487.

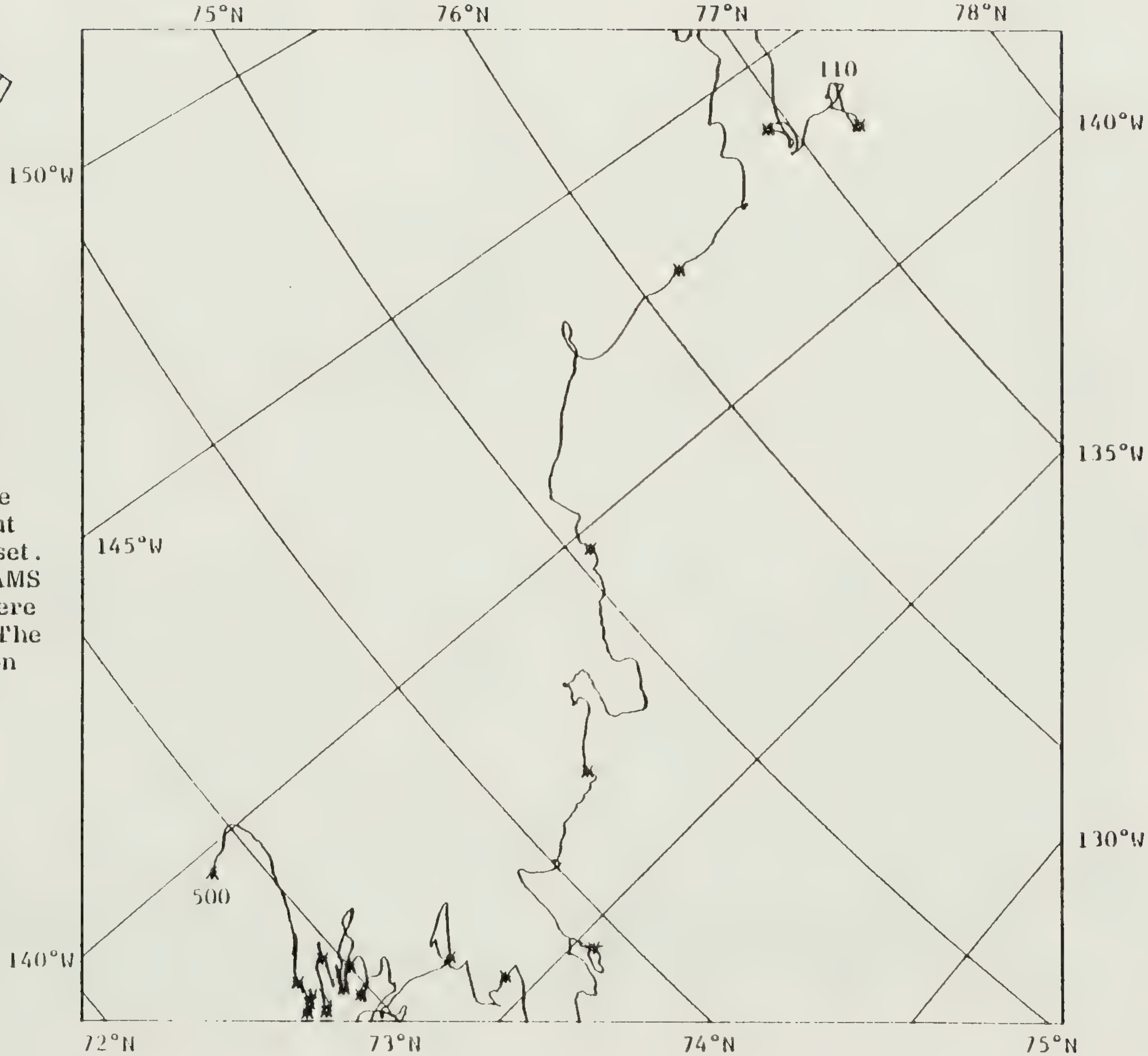

75°N
76°N
77°N
78°N
110
140°W
150°W
135°W
145°W
130°W
500
140°W
72°N
73°N
74°N
75°N

Figure 3.

Camp Blue Fox

Measurements by NavSat from day 110 through 489 with a gap from 203 to 208. Celestial position fixes were made during that period but were not used in the data set. After day 490 data from RAMS buoy R 772 were used. There is a gap from 531 to 573. The buoy was last heard from on day 579.

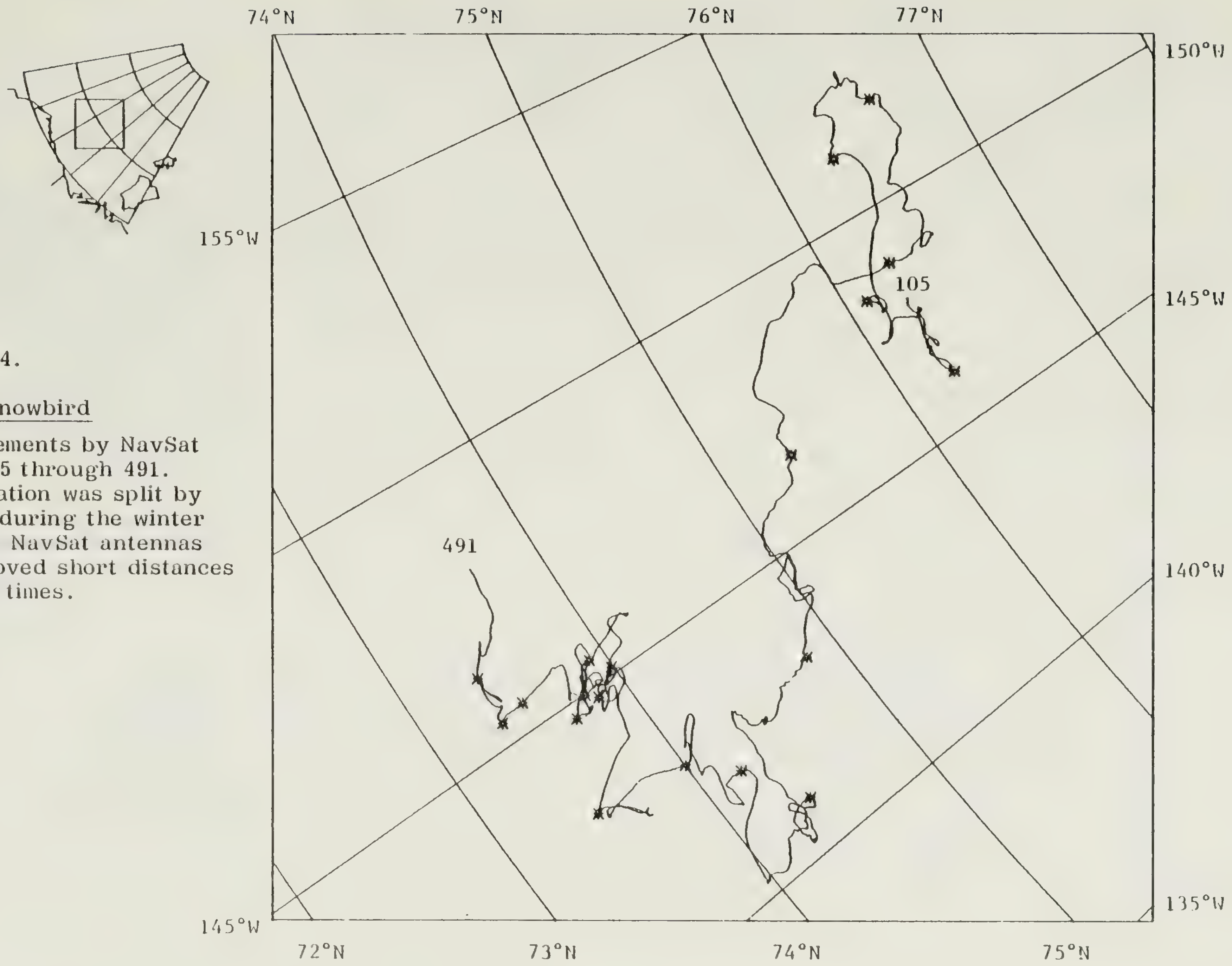

74°N
75°N
76°N
77°N
150°W
155°W
145°W
140°W
135°W
145°W
72°N
73°N
74°N
75°N
105
491

Figure 4.

Camp Snowbird

Measurements by NavSat from 105 through 491. This station was split by cracks during the winter and the NavSat antennas were moved short distances several times.

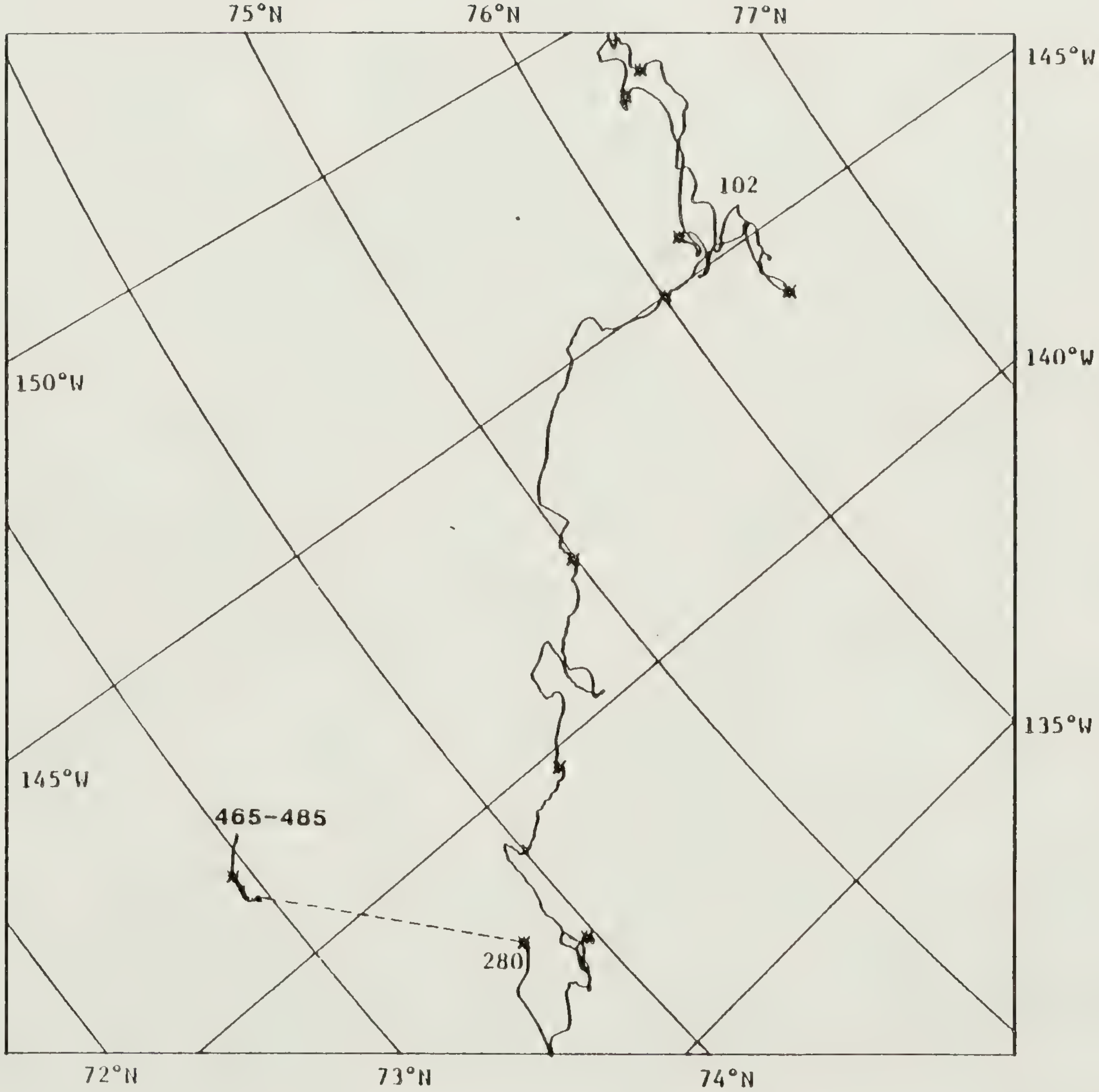

75°N
76°N
77°N
145°W
140°W
135°W
150°W
145°W
72°N
73°N
74°N
102
465-485
280

Figure 5.

Camp Big Bear

Measurements were made by NavSat beginning on day 102. On day 274 the camp was broken up by ice activity and eventually abandoned, the last data being on day 280. For a brief period in the Spring of 1976 the station was reoccupied and position measurements were made using RAMS buoy R604, days 465-485. By this time the old camp had been spread over several kilometers.

TABLE 1

Breakdown of Profiling Current Meter Stations for Individual Camps

Camp	Occupation Date	Evacuation Date	Total Stations Taken	Profiling Stations	Time Series Stations	Stations Digitized
Caribou	6-Apr-75 (5-Aug-75)	7-May-76 (22-Apr-76)	404	395	9	163
Blue Fox	5-Apr-75 (8-May-75)	4-May-76 (20-Apr-76)	700	698	2	376
Snowbird	4-Apr-75 (4-May-75)	6-May-76 (20-Apr-76)	620	603	17	377
Big Bear	13-Mar-75 (8-Apr-75)	8-Oct-75 (1-Oct-75)	425	397	28	258

Note: 1) Parenthetical dates are those when PCM data collection began and ended.

2) "Stations digitized" indicate stations that had sustained speeds greater than a few cm/sec and were manually digitized for computer reduction.

The largest horizontal scale sampled by the PCM observations was the nominal 100 kilometer spacing of the manned camps, the smallest was the distance between successive casts at one camp. The maximum vertical scale sample was limited by the 200 meter depth of the profiling current meter casts. The smallest vertical scale sampled was about 10 meters and was determined by the response rate of the instrument and its rate of ascent and descent.

The AIDJEX oceanographic program maintained fixed-mast current meters of uniform type (Hydro Products) at all camps at shallow depths in the planetary boundary layer. The fixed-mast current meters at each camp were suspended on a series of rigid 3 meter, 7.5 cm diameter, PVC sections at depths of 2 and 30 meters below the base of the ice. Hourly averages pertaining to the fixed-mast current meters can be obtained through the National Oceanographic Data Center.

The directional sensors of the fixed-mast current meters were referenced to the instrument case and therefore had to be referenced to the camp azimuth to provide directions relative to true north. This was accomplished by accurately drilling the coupling holes at the ends of the PVC pipe by a lathe. When the current meter was suspended at its correct depth, the top drill hole of the pipe was then aligned to a fixed point in the camp area. A simple correction angle could then be applied to the fixed-mast data relating their direction to the camp azimuth.

Profiling instrumentation consisted of a Tsurumi-Seiki Co., Ltd. (TSK) underwater unit with a Savonius rotor, directional vane and pressure sensor. The unit was raised and lowered at 5 meters per minute by an electric winch. The rate was chosen after several experiments to determine rotor response with different axial velocities. Current direction in this instrument was referenced to an internal magnetic compass. The direction vane follower and compass were both operated on the "light encoding disk" principle and were therefore not subject to unnecessary drag caused by the usual wiper arm friction. Low bearing friction and viscosity of the fluid surrounding the compass were the only components of drag on the directional system. This is an important factor since the horizontal component of the earth's magnetic field is so weak at these high latitudes.

Data from the PCM were simultaneously recorded on an analog chart recorder with speed, direction and depth versus time and on the AIDJEX digital data logging system (DDL). The data pertaining to the fixed-mast current meters were also recorded on the AIDJEX DDL system as well as on a multipoint recorder. The scan rate of the DDL (30 seconds) was acceptable for sensors obtaining long time series such as the fixed-mast current meters, but was not fast enough for the rapidly changing signals of the PCM.

Magnetic declination was measured one or more times each day at all the camps. These measurements were calculated by a relationship between the true and magnetic bearings of the camp azimuth. The camp azimuth was defined as an imaginary directed line passing through the A and B antennas of the satellite navigation system. The bearing of the camp azimuth, as related to true north, was determined by sun shots taken by the meteorologists. The magnetic bearing was obtained using an accurate surveyors compass placed directly in line with the camp azimuth. Magnetic declinations taken in this manner were good to plus or minus one-half a degree.

A total of 2084 PCM stations were obtained at the four camps over the yearlong duration of the program, each station consisting of an uptrace and downtrace. Of these, 1174 stations were useable. Stations that were not acceptable had relative currents that were below the threshold velocity of the instrument (approximately 5 cm/sec). Table 1 shows the breakdown of the total stations at each of the camps with those used in the final data reports. A listing of all the stations taken at the camp along with other associated parameters (dates, position, ...) is reported under the section "PCM STATION LISTING."

PCM RELIABILITY

Generally, all of the stations that have been processed show good coherence between the uptrace and downtrace of the relative velocity profiles on the scale of 10 meters or more. In many cases, the short wavelength structures can be followed from one station to the next. No spectral studies have, as of yet, been completed on the data to statistically confirm these observations. It appears, however, that repeatability of the data is very good on the scale of 20 meters and greater.

Similarity of directional tracking between the down and uptraces was rather good provided that the current speed was greater than 5 cm/sec. As the speed increased, the tracking of direction became very uniform as can be seen during any of the stations where rapid currents or eddies were observed. Below the velocity of 5 cm/sec, the directional vane oscillates widely and the coherence between traces falls off rapidly.

The one major problem associated with the PCM at all of the camps was the sluggishness of the Savonius rotor when compared with the Savonius rotors of the higher quality Hydro Products fixed-mast meters. We feel that this problem, since it was observed at all of the camps, was inherent in the design of the rotor system itself and was most likely due to bearing drag. Because of this problem of velocity data being less than suggested manufacturers' limits, great care was taken from the beginning to calibrate the PCM velocity readings at every station against the more accurate velocity readings of the 30 meter fixed-mast sensor. Experience from a number of investigators has shown that Savonius rotors with free bearings and uniform manufacture do not need individual tank testing. A universal calibration curve may be used as was done for the Hydro Products meters. The Hydro Products Savonius rotor units had exceptionally good bearings and were used for calibration. The velocity of the 30 meter fixed-mast sensor and the velocity reading of the PCM were recorded at the instant that the two sensors were at the same depth level during each cast.

Calibration of the PCM velocity sensor was accomplished by linear regression between the PCM and 30 meter velocity readings over fairly large blocks of time (10 to 20 days). The blocks were separated into up and downtraces due to the presence of a hysteresis effect caused by the raising and lowering of the PCM through a current. In effect, a higher velocity would be recorded at any one level on the uptrace because of the sensor being pulled through the current. The opposite would be true for the downtrace. Large data blocks were used in the calibration procedure in order to (1) obtain enough data points over a wide range of speeds, and (2) average out random noise due to turbulence and/or human recording errors.

The mean coefficient of determination was calculated to be 0.87 with a standard deviation of 0.08. This indicates a high degree of correlation between the two Savonius rotors. Figure 6 shows a typical regression diagram used in the calibration of the speed sensor at camp Big Bear.

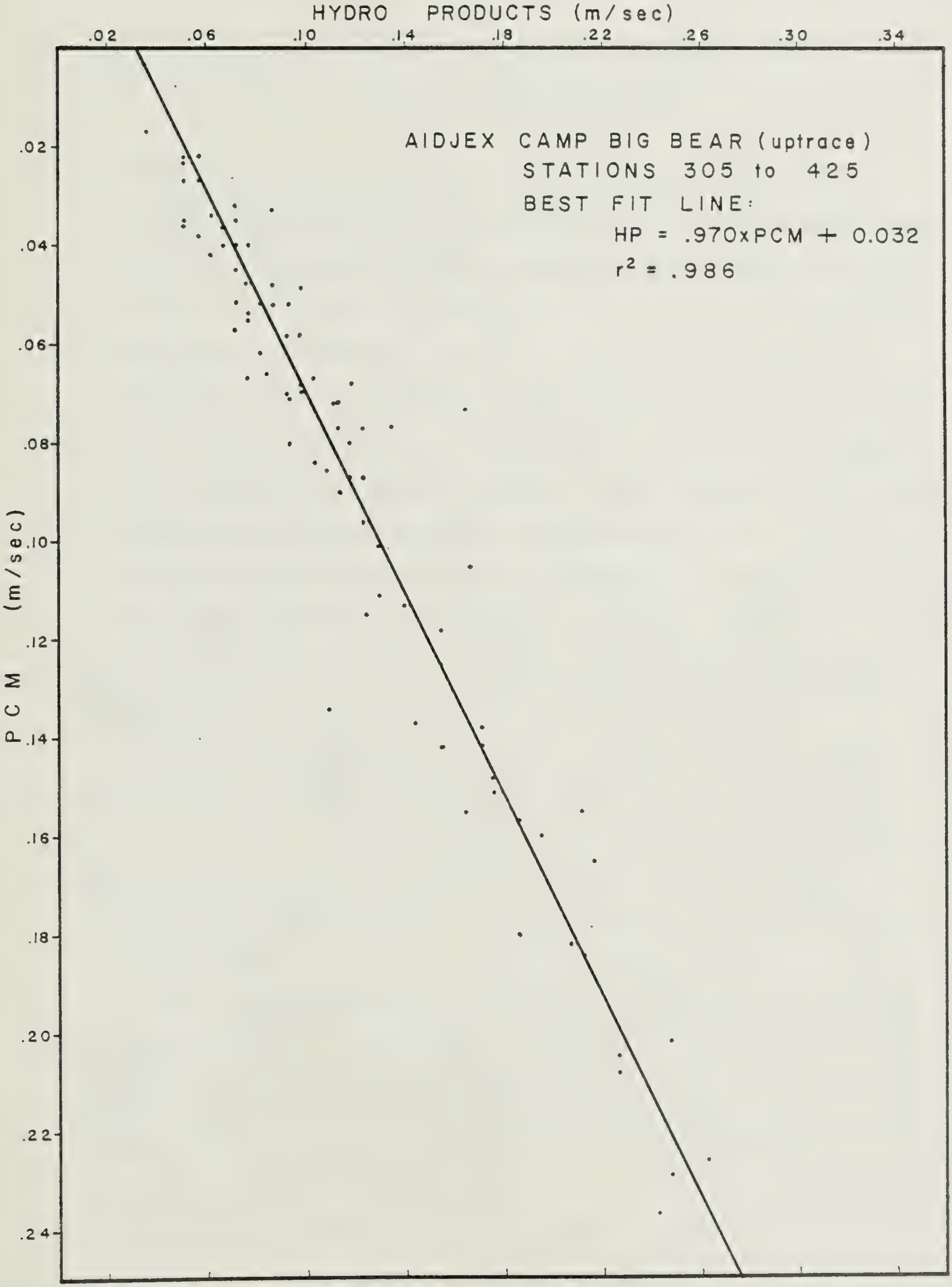


Figure 6. Linear regression diagram taken from a segment in the speed calibration from camp Big Bear.

INITIAL DATA REDUCTION

In addition to the calibration of the raw velocity data of the PCM, directional calibration, values for magnetic declination through time, and digitized card decks of the analog data had to be obtained before reduction could begin.

The PCM deck unit produced directional output from 0 to 540 degrees. This was designed to eliminate the rapid pen oscillations (zero to full scale) commonly seen on the 0 to 360 degree outputs when the directional vane oscillates around 0 degrees. There were only two instances when rapid pen movement was observed on the analog charts. The first being a shift from 0 degrees to 360 degrees and the second being a shift from 540 degrees to 180 degrees. On the basis of these exact shift points for 0 and 540 degrees, calibration segments throughout time were made that would correct direction for any linear drifts or sudden offsets. Linear drifting of the zero and full scale settings in time were not evident or did not account significantly for changes in the calibration data. As a result, bounds of the calibration segments were chosen because of sudden offsets in the data.

Magnetic declination data were originally taken once every day at each camp and then increased to once every time a profiling current meter station was taken. Readings obtained from a surveyor's compass aligned with the camp azimuth were combined with the camp azimuth determination closest in time to determine magnetic declination. The reduction of magnetic declination information was done so as to create blocks of data points that were separated by naturally occurring breaks caused by rapid ice movement. An average magnetic declination was then computed for each data block representing a short span in time for each camp. In these data sets, very few points fell outside a span range of 3 degrees. Magnetic declination data obtained in this manner were accurate to within the plus or minus 6 degree accuracy limits for the PCM directional system. Final magnetic declination was then used to convert original PCM directional data (referenced to magnetic north) to true direction.

Finally, the analog chart records were digitized. Generally, each station consisted of a downtrace and uptrace unless one or the other had been rejected because of insufficient current or recorder problems. The points taken for digitization on each of the output traces for speed, direction and depth were the maxima, minima and inflection points, with enough points in between to preserve the proper curvature. Digitization provides some smoothing of the data. However, data with a scale length of greater than 2 meters were not affected.

The AIDJEX digital data logger tapes were not used for PCM data reduction due to a predesigned sampling rate of the computer that was too slow for the rate at which the PCM was lowered. Excessive noise along the data transmission lines also was a main factor in not attempting to reduce the tape data for the PCM.

Due to the convention adopted by the AIDJEX staff and other institutions responsible for the reduction of data taken during the main AIDJEX experiment, time was converted to a Julian calendar system with day 1 = 1 January 1975 and ending with day 500 = 4 May 1976. Throughout this data report, time in AIDJEX days is frequently cited. A list of the AIDJEX days versus the normal Gregorian system was tabulated in Appendix 3.

COMPUTER REDUCTION

Computer reduction involved quality control and calibration of the relative traces. The final product was absolute velocity consisting of speed and direction at one meter intervals to the maximum depth of the station. The flow diagram shown in Figure 7 indicates the sequence of operations used to produce the absolute data.

Once a large block of digitized data, consisting of up and down traces was completed, several quality control programs were run on the data. These programs checked for various mechanical and operator errors. After all problems were removed from the digitized decks, they were stored permanently in computer files.

Relative data were then produced for the individual up and down traces for all stations. Velocity and directional corrections were applied to the data to provide calibrated speed referenced to the Hydro Products 30 meter fixed-mast sensor and correction for directional offset and full scale parameters. Direction at this point in the processing was relative to true north by the addition of magnetic declination. The data set being produced consisted of individual traces with speed and direction at one meter intervals.

As reduction of the data proceeded, it became apparent that there were frequent, rapid 360 degree directional rotations and corresponding fluctuations in speed which were caused by the instrument (Figure 8). This feature appeared to be inconsistent with, or entirely absent from, the associated up or downtrace for a given station. Further investigation of this feature showed it to be an artifact induced into the analog records by a rapid

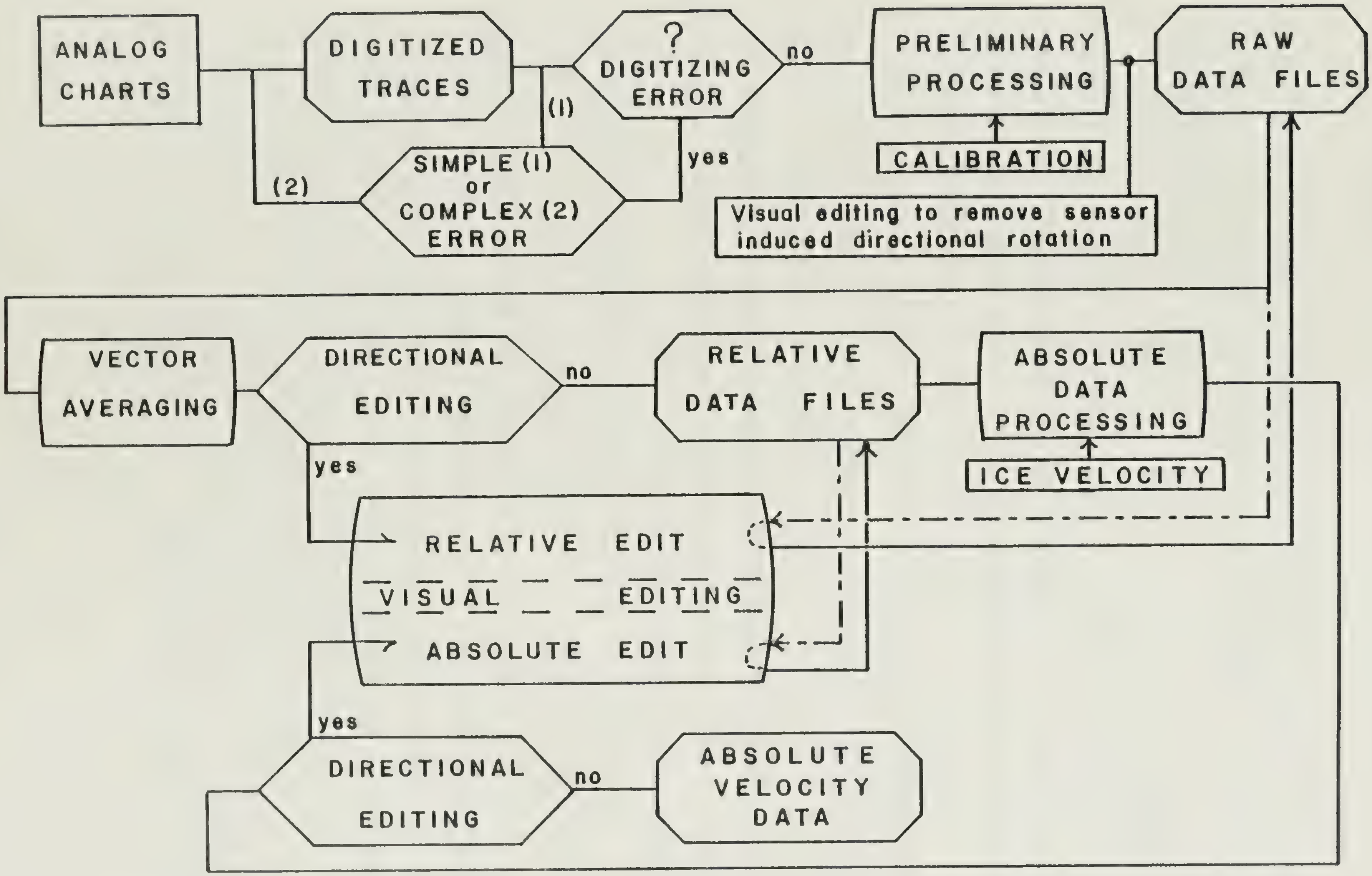

ANALOG CHARTS
DIGITIZED TRACES
(1)
(2)
SIMPLE (1) or COMPLEX (2) ERROR
? DIGITIZING ERROR
yes
no
PRELIMINARY PROCESSING
CALIBRATION
Visual editing to remove sensor induced directional rotation
RAW DATA FILES
VECTOR AVERAGING
DIRECTIONAL EDITING
no
yes
RELATIVE DATA FILES
ABSOLUTE DATA PROCESSING
ICE VELOCITY
RELATIVE EDIT
VISUAL EDITING
ABSOLUTE EDIT
yes
DIRECTIONAL EDITING
no
ABSOLUTE VELOCITY DATA

Figure 7. Flow diagram indicating the process by which absolute velocity data are obtained. Dashed line with arrow indicates the file necessary for editing. Solid line with arrow indicates where final edited data are returned.

spinning of the sensor package. The reason for the rotation of the sensor is believed to be a rapid untwisting of the stiff electrical cable after it had been slowly turned by hydrodynamic forces acting on the slight asymmetries of the instrument package.

Even though the direction system of the PCM was independent of the instrument package, the viscosity of the fluid surrounding the compass provided enough friction to partially rotate it along with the instrument housing.

Approximately 70 percent of the analog traces had been digitized by the time this feature had been recognized as an instrument-induced signal. Nearly half of these digitized traces were associated with one or more of the directional features. The remaining analog traces requiring digitization had the rapid directional rotation and associated speed fluctuation removed manually. This was accomplished by supplying a visual best fit curve to the valid data before and after the deleted segment.

Due to the large portion of digitized analog traces that included this rapid directional rotation, a visual editing program was created to remove them. The editing program graphically displayed any uptrace or downtrace found by the operator to contain one of these rotational features. The operator then chose the upper and lower depth limits of the feature that was to be deleted. A least squares best fit cubic equation was then calculated using three points preceding the upper depth limit and three points following the lower depth limit. In the special cases where the directional rotation began at the start of the trace or concluded at the end of the trace, so there was no leading or succeeding three points, an average of the three points present was used to fill in the deleted section. Figures 8 and 9 show an example of the editing procedure of the program using a before and after profile of a station with one of the rotational features.

The uptrace and downtrace were combined, by vector averaging, to provide a single relative velocity profile. Speed and direction of the two traces were converted to north and east components. After the averaging of the individual components at one depth level, they were reconverted to speed and direction.

The hysteresis effect was effectively eliminated by the addition of the two traces. In several cases where only one trace existed for a station, the profile was not altered to remove the hysteresis.

Vector averaging was preferred over arithmetic averaging of the traces because of an added advantage during low speed addition. As previously mentioned, directional coherence falls off rapidly as the speed approaches the threshold velocity of the instrument. When combining the two traces, it was preferable that the greater velocity observed would have more weight in determining the final output at that depth level.

Vector averaging did possess its own inherent difficulties. The majority of these problems were confined to low velocity addition. When the traces to be added were significantly different in directions at the same depth level (due to low directional coherence at low speeds), erratic directional oscillations or rapid shifts in direction would result when the vectors from both traces would alternate dominance and thereby change the final output more to the direction of the dominant vector. These shifts would sometime attain a directional shear of 180 degrees per meter.

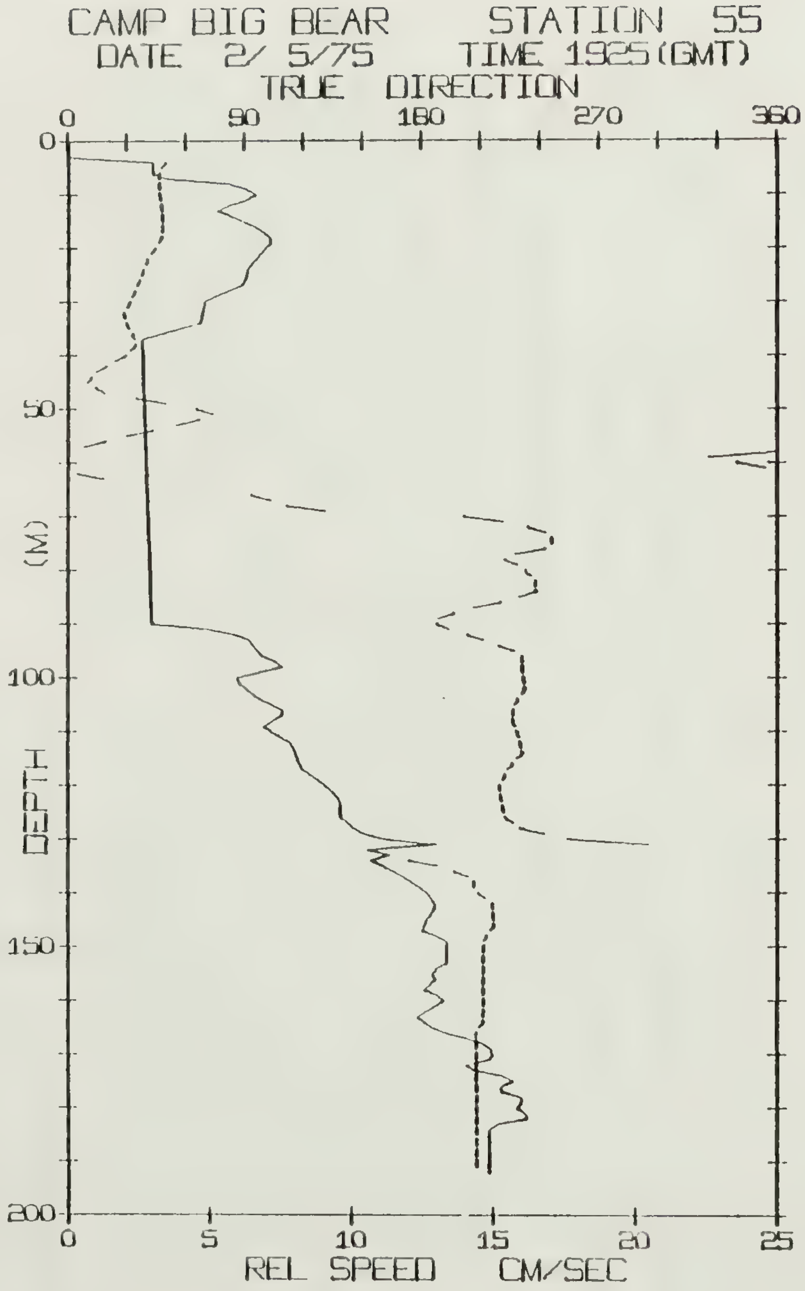


Figure 8. Typical example of a 360 degree directional rotation caused by the sensor package being spun. Seen at 130 m.

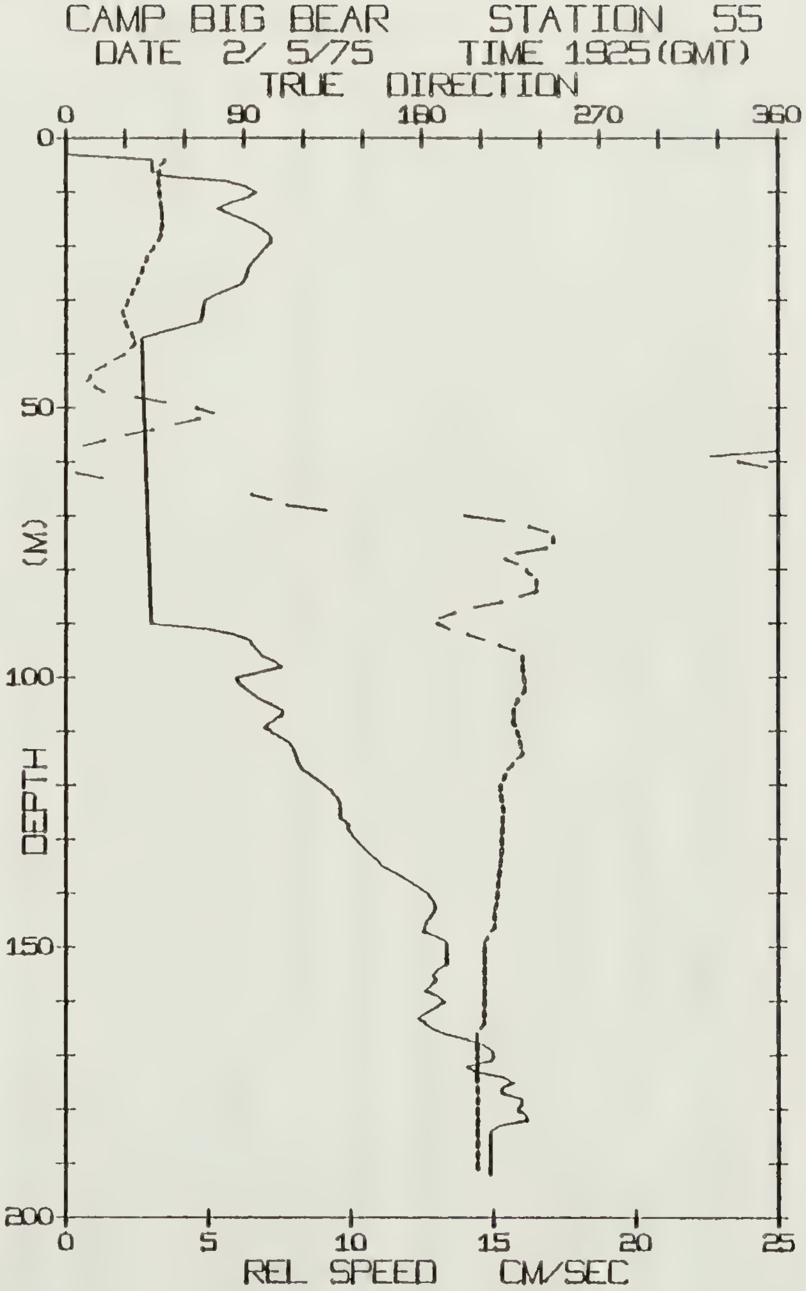


Figure 9. Same plot as Figure 8, but after being visually edited to remove 360° rotation.

The remainder of the cases providing the erratic directional output were due to a rapid increase in speed (within a few meters) resulting from the Savonius rotor attaining or passing its threshold velocity after being motionless for some period of time. As before, if directions were significantly different, an increase in speed would sometimes change dominance from one trace to another, thereby providing rapid directional shifts.

Both of these problems, for the most part, were removed without any major difficulty. This was accomplished by visually editing the section of the trace causing the erratic directional output. Editing was done in the same manner used to remove the sensor-induced rotational spikes. It should be noted that the editing of the traces was not designed to eliminate the sense of the rapid shift in direction, but rather to smooth the shift out to a more realistic rate of change of direction. In general, rapid directional shifts with a rate of change of direction less than 30 degrees per meter were left untouched. For consistency throughout the data set, only one person familiar with this particular problem was used in the editing process. It was felt that this provided as much continuity as possible in the decision making from station to station and from camp to camp. Several stations from a few of the camps were eliminated all together from the data set because necessary editing would have been too severe.

Before the editing of the relative data was to commence, an attempt was made to reduce the amount of visual editing by removing all relative speeds and their associated directions less than or equal to 5 cm/sec from the data set. This, however, turned out to be impractical because the total amount of relative data lost would have been on the order of 30%, as compared to the 1% - 2%

that was to be edited. Another problem was the loss in continuity of speed and direction in a profile every time a block of data less than 5cm/sec was removed.

Finally, absolute velocities were computed by vectorially adding ice velocities to the relative data.

Obtaining estimates for the position and ice velocity for a particular station is given in greater detail in the section entitled "Interpolated Position and Ice Velocity." Briefly, two cubic equations (related to latitude and longitude) are uniquely defined by the satellite navigation data sets directly preceding and following the point in time related to the station. Each satellite navigation set consists of the position (latitude and longitude), ice velocity (north and east components) and the time of observation. Introduction of the time of the station into the two cubic equations provides the latitude and longitude of the station. North and east ice velocities are calculated using the first time derivatives of the latitude and longitude equations respectively at the time of the station.

Estimates (95% confidence limit) of the errors associated with latitude, longitude, north and east ice velocities are also provided at the same time. If the error estimates were too severe, the station in question was then removed from the absolute data set.

Any data obtained while the sensor was in the hydro-hole were removed. Ice thickness at the hydro-holes is indicated in Table 2. The first data point to be kept as viable data was at the first integral depth value past the bottom depth of the hydro-hole. Any data reported in the hydro-hole were given default values for speed and direction. The default values being 0.0 cm/sec and 999.9 degrees respectively.

TABLE 2

Camp	Ice Depth Below Sea Level at Hydro-hole (cm)
Caribou	300
Blue Fox	470
Snowbird	340
Big Bear	250

Vector addition still proved to be a problem in a small percentage of the total number of data points. This problem was very similar to the difficulties encountered during the low velocity vector averaging of the up and downtraces, the only difference being that this occurred when speeds of the relative data closely matched that of the added ice velocity vector. Generally, this happened when ice velocities were low; however, problems did still exist at speeds of 15 to 20 cm/sec. Even though the final result of the addition of the ice vector to the relative data for these special cases was very similar to the low velocity vector averaging problem, the physics of the situation was not the same. The reason for the majority of the problems was a result of the PCM being pulled through a nearly motionless part of the water column (absolute speed less than 5 cm/sec). The result being a relative speed profile of the negative of the ice velocity vector while the sensor was in that particular part of the water column. Upon the addition of the ice velocity vector to the relative data, resultants are going to be very small and for the most part directions will have very high shears attaining 180 degrees per meter.

Consider the example where two relative velocity vectors separated by 1 meter in depth are being added to the ice velocity. Both vectors are nearly opposite to the ice vector, however one of the relative vectors is less than the speed of the ice and the other having a magnitude greater than that of the ice. The result of the addition would be two successive small amplitude absolute velocity vectors, each being out of phase with the other by approximately 180 degrees.

Visual editing of the relative data was again employed to remove the extreme directional shears from the absolute velocity profiles. There was, however, one major difference in the editing policy, since directional shears were generally larger than those seen in the averaging process and they were due to a different situation. This procedural difference was to ignore the directional shifts at low speeds and concern ourselves with trying to provide correct decisions at the higher velocity directional shifts that would maintain the integrity of the original analog profiles. As a result of this decision, there are several profiles still possessing the high directional shears at low absolute speeds. These directions are not to be taken as fact but rather should be put in proper perspective with the directions at more reliable speeds above and below the affected segment.

INTERPOLATED POSITION AND ICE VELOCITY

Filtered and smoothed estimates for position and velocity through time were recently updated for all of the AIDJEX 1975-76 manned camps (Thorndike and Manley, 1980) to provide better resolution for inertial oscillations of the ice motion. The initial Satellite Navigation report (Thorndike and Cheung, 1977) indicated signal reduction in the data at the inertial period due to filtering of approximately 50% and was therefore not acceptable for the reduction of certain parts of the oceanographic data set.

Positional estimates were not regularly spaced in time nor were they at the times when the STD or PCM stations were started. Therefore it was necessary that some software routine be constructed in order to give reliable estimates of the position and ice velocity at the times of the stations in question.

Normally, 25 - 30 position fixes were recorded per day at each of the four camps. The maximum number of fixes per day was close to sixty, and the minimum was zero for a period of approximately five days. With these wide variations in the spacing of the data, it became important to estimate the standard error associated with the calculated positions and velocities. These error estimates would then later become useful in the determination of the station's relative importance for a particular application. Typical examples would be the rejection of an STD station (position error of 1000 m) intended to be used in a geostrophic calculation where the inter-station spacing is on the order of 2 kilometers, or relative velocity PCM stations being rejected for absolute data processing when the ice velocity error was exceedingly high. Regardless of the intended application, error estimates for both position and velocity are an integral part of the data set.

There are several methods to determine the position of a given camp at a particular time, given precise estimates of the position and velocity before and after the time in question. The methods range from a simple approach of choosing the position fix closest in time to the station in question, to more involved interpolation schemes.

Due to the presence of small to intermediate scale structures observed in the AIDJEX oceanographic data set, precise position and ice velocity estimates were required to resolve them as best possible. By defining a smooth and continuous time dependent function X(t), of a positional parameter such as latitude or longitude, four boundary conditions were initially provided by the navigation data set. These known conditions were: X(t1), X(t2), X'(t1) and X'(t2). In order for the function X(t) to be uniquely defined, X(t) by definition must be cubic.

Once the time of the station was provided, cubic equations for both latitude and longitude were defined using the navigation points directly before and after the station time in question. Position and ice velocity were then obtained by substituting the time of the station into the cubic equations and their first derivatives. North and east ice velocities being defined as the first time derivative of latitude and longitude respectively.

ERROR ESTIMATES FOR INTERPOLATED POSITION AND VELOCITY

Error estimates for the parameters of latitude, longitude, north and east ice velocities were broken into two time blocks consisting of summer and winter data. This was done to take into account the more uniform movement of the ice during the winter and the more variable movement in the summer due to the presence of more open water and higher amplitude inertial oscillations. The summer block consists of the data between 1 July 1975 (day 182) and 30 September 1975 (day 273). All data outside the summer segment comprised the winter block. The breaking points in time were chosen on the basis of the presence or lack of high amplitude inertial oscillations using the entire plotted data set of ice velocities (Thorndike and Cheung, 1977) of which Figures 10 and 11 are only a part. A major part of the summer data showing the increased presence of high amplitude inertial oscillations can be seen in part of Figure 10. In Figure 11, which comprises part of the winter data block, there is a marked damping of inertial oscillations, showing amplitudes less than a few cm/sec (days 409-422; 13-26 February 1976).

Errors were then calculated with the use of the Navigational data set. The general processing system would be to take three sets of points from the navigation data set, at times $T1 < Tu < T2$, each set containing latitude, longitude, north and east ice velocity and the time of observation, T1, Tu and T2 defined as follows:

Tu = time of the "unknown"
T1 = time of first bounding data set
T2 = time of second bounding data set

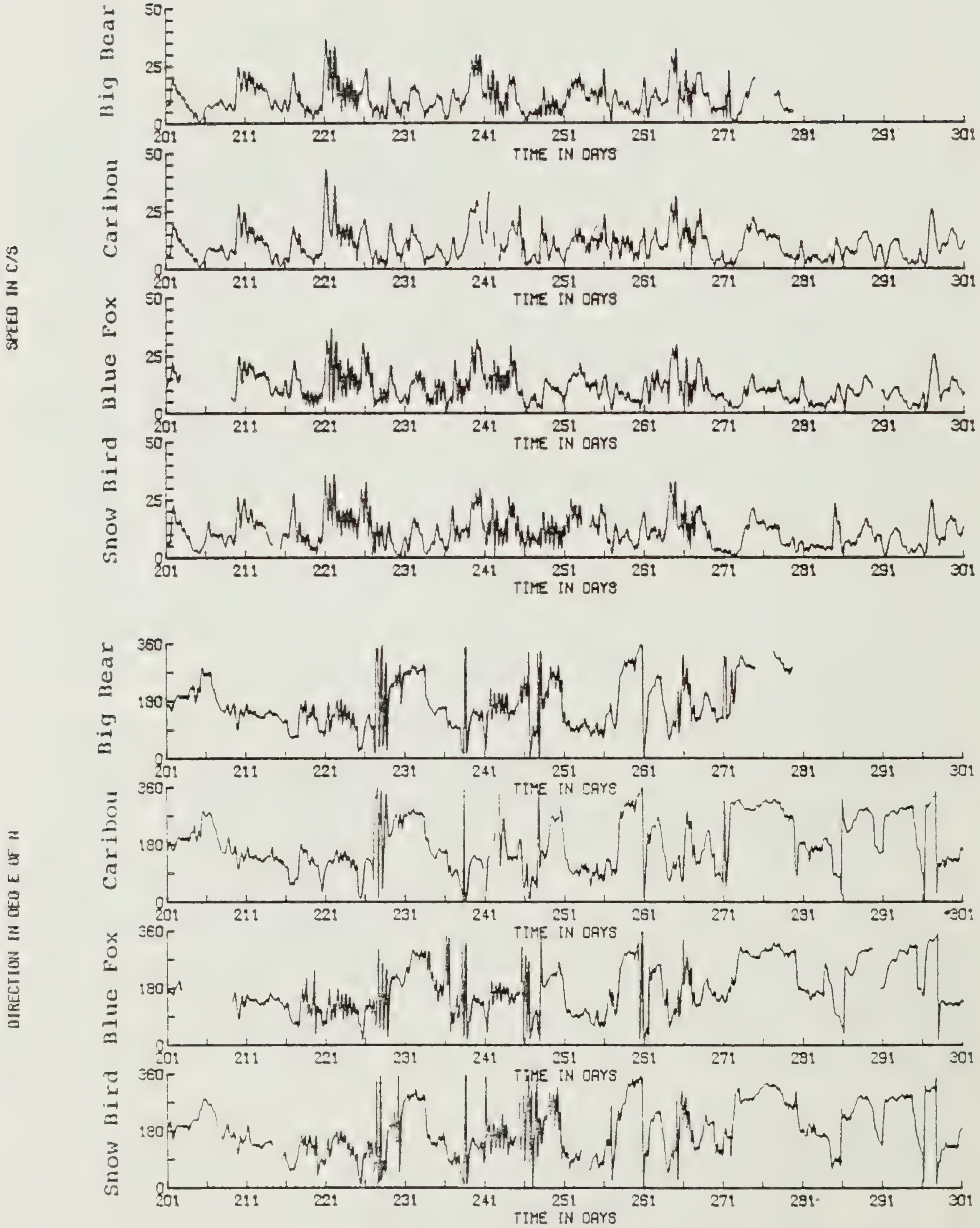


Figure 10. Speed and direction plotted for the manned AIDJEX camps, days 201 to 301.

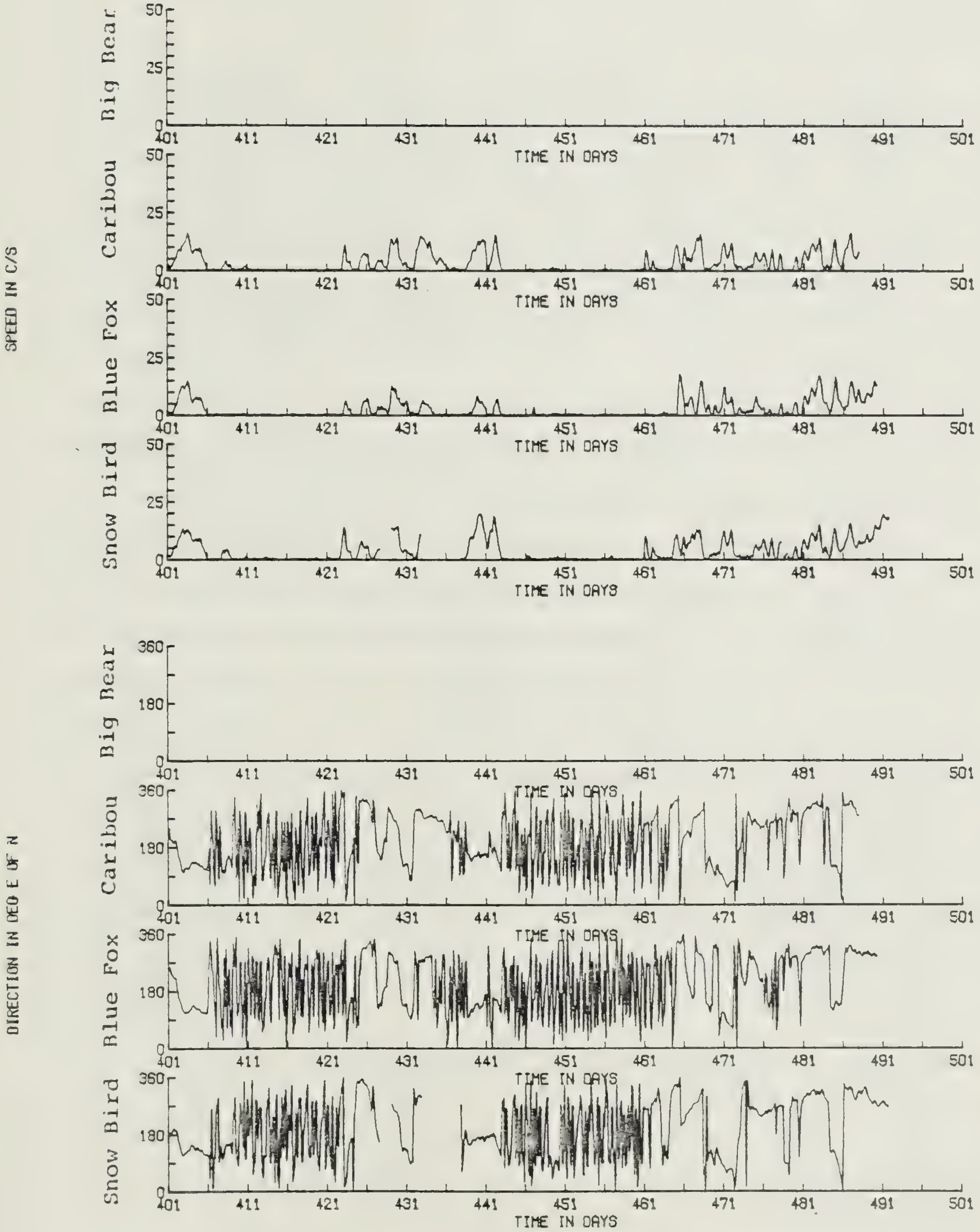


Figure 11. Speed and direction plotted for the manned AIDJEX camps, days 401 to 501.

The first and third sets of data define the boundary conditions upon which to formulate the cubic equations. The equations were then solved for the latitude, longitude, north and east velocity at the time of the second navigation set. Errors were then calculated by finding the absolute difference between the estimated (cubic) and known (navigational) parameters. The resulting errors for the four parameters were stored and statistically analyzed at a later time.

The errors were analyzed to determine their dependence on the times T1, Tu, and T2. If the bounding sets were separated by a relatively short span of time, regardless of where the "unknown" is within the time bounds, the errors for all four parameters are bound to be very small. On the other hand, if the bounding sets are separated by a large time span, then it becomes important to know where the "unknown" is located within the time bounds. As the time of the "unknown" approaches either of the bounding sets, errors are again going to be low. The same would be true for the reverse, i.e., as the "unknown" reaches a time point roughly in the center of the bounding sets, the errors should correspondingly get larger. Because of this, a time ratio was calculated and stored with the errors made for a particular point in time. The time ratio was defined to be the absolute difference in time between the first bounding set and the "unknown" divided by the time difference of the two bounding sets. This would be written as:

$$\text{Time Ratio} = Rt = (Tu - T1)/(T2 - T1) \qquad (1)$$

$$\text{Time Difference} = Dt = T2 - T1 \qquad (2)$$

Roughly 1200 "unknowns" were computed for specified maximum time differences. The maximum time difference being the time difference between the bounding data sets. Maximum time differences were confined to specific limits, those being from 1-2 hours, 3-4 hours, 6-7 hours, 11-13 hours, 23-25 hours, and 47-49 hours. Each of these runs was computed for the summer as well as the winter block, thus making 12 runs total. Each run computed better than 4800 errors for the four parameters in question.

Data were then stored as to time ratio and plotted for each run and parameter as shown in Figures 12, 13, 14 and 15. These figures show the errors from the 11-13 hour run for the winter time block at camp Blue Fox, each figure being one of the error parameters.

A sliding t-distribution of 30 points (95% confidence limit) was run on each of the data sets to provide a statistical upper limit below which 95% of the original data would fall. A least squares best fit quartic equation was then computed for the 95% confidence limit points. The quartic equation was chosen because of its ability to fit the data more closely at the time ratios of 0.0 and 1.0. Quadratic and cubic equations would tend to provide excessive negative error approximations as the bounding ratios were approached. Figures 16, 17, 18 and 19 represent the 95% confidence limit points and corresponding best fit equation resulting from the original data sets shown in Figures 12-15.

It has already been estimated that the error estimate (Ee) is defined to be a function of two parameters as stated in equation 3.

$$Ee = F(Dt, Rt) \qquad (3)$$

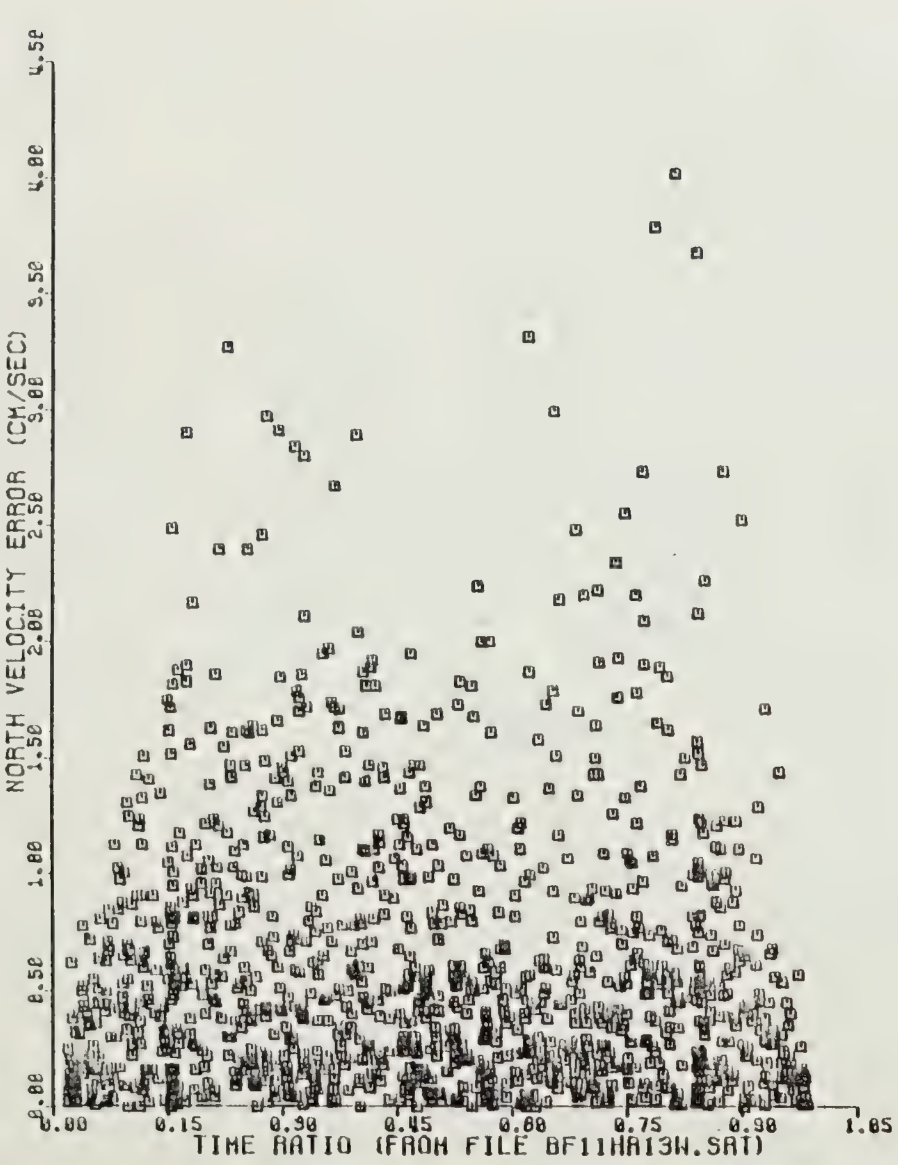


Figure 14. See text for more complete description.

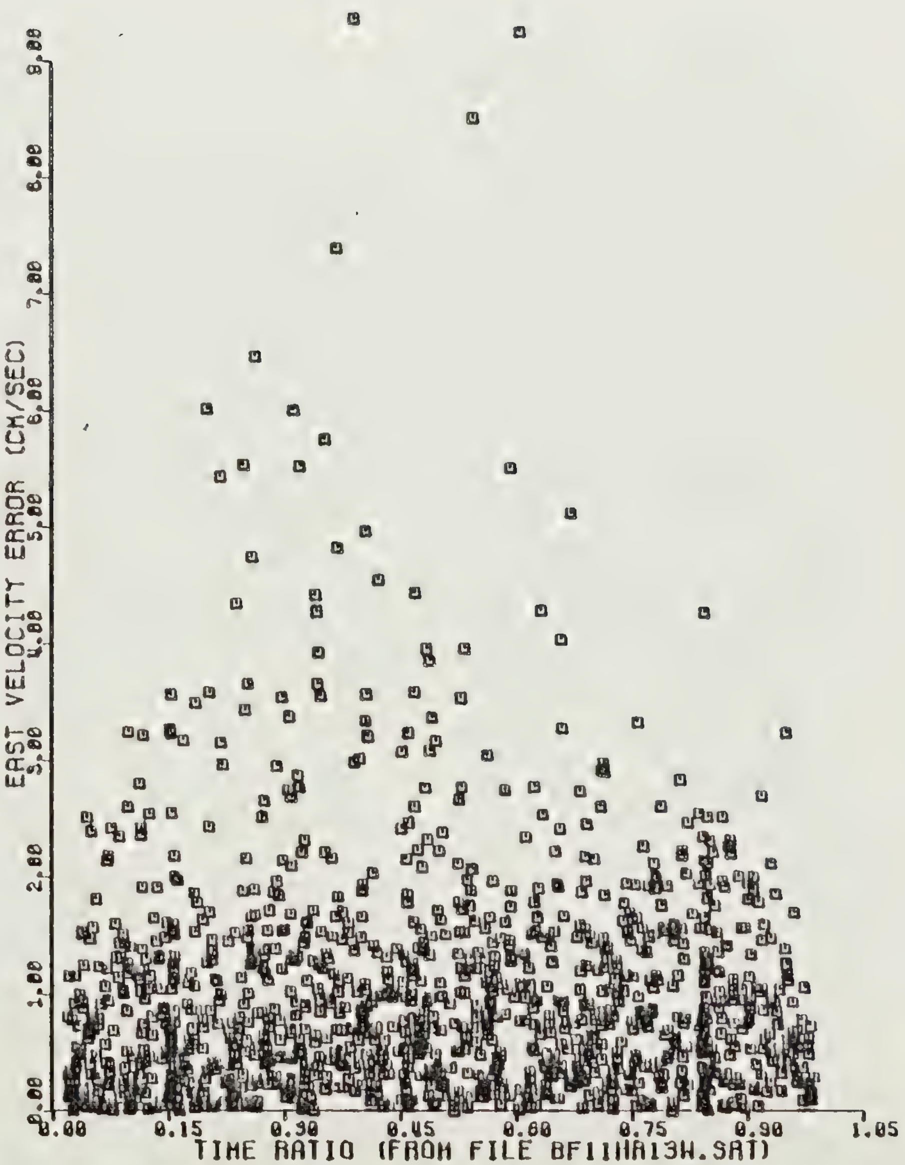


Figure 15. See text for more complete description.

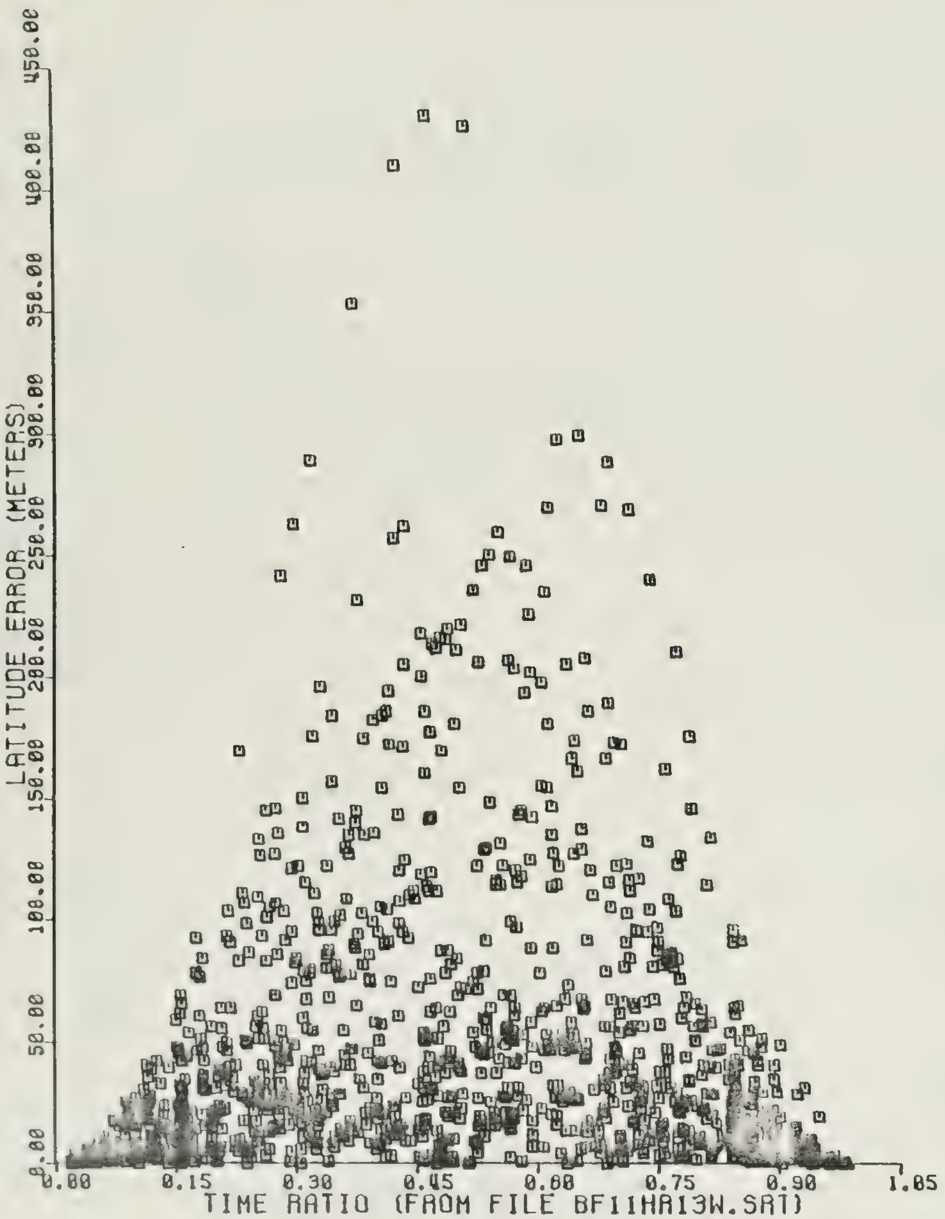


Figure 12. See text for more complete description.

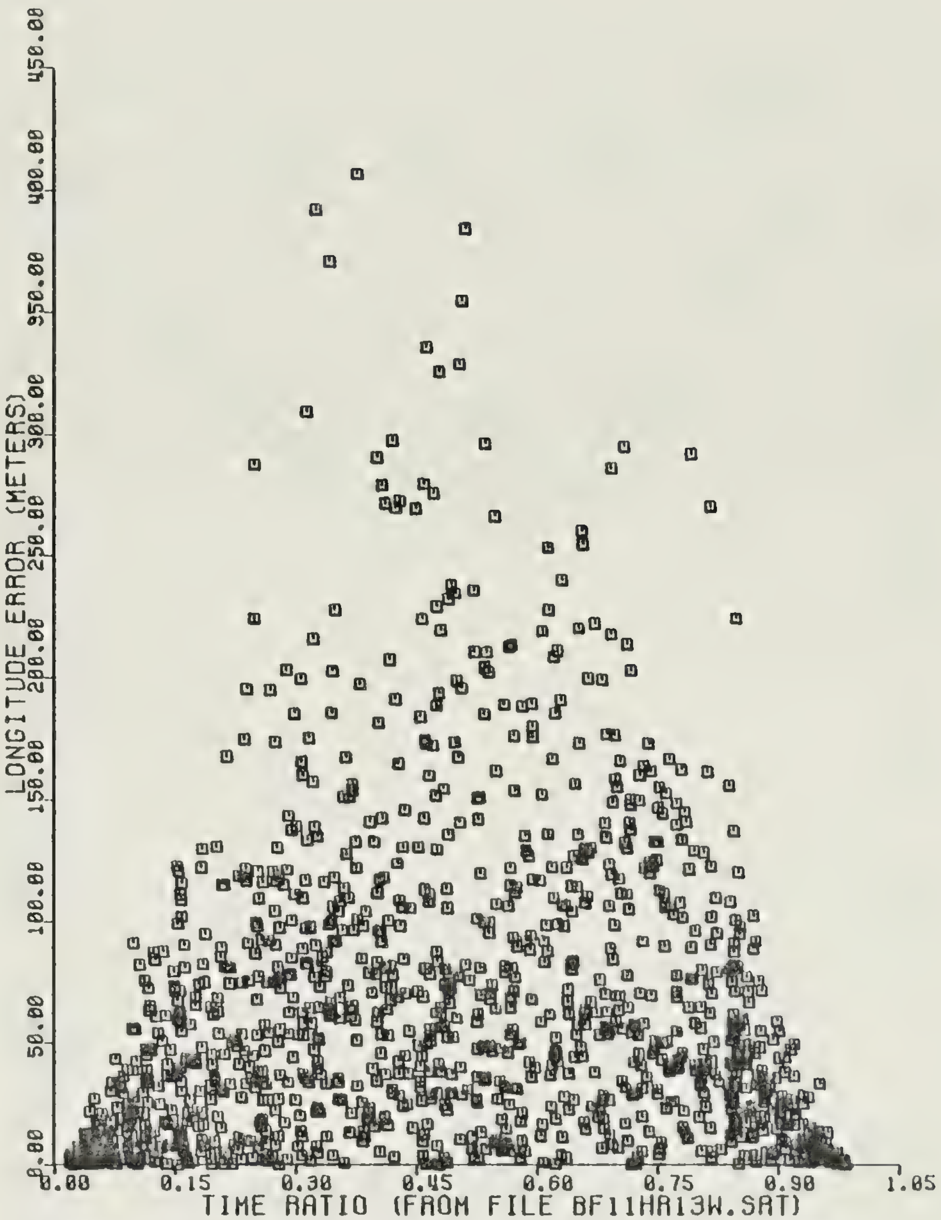


Figure 13. See text for more complete description.

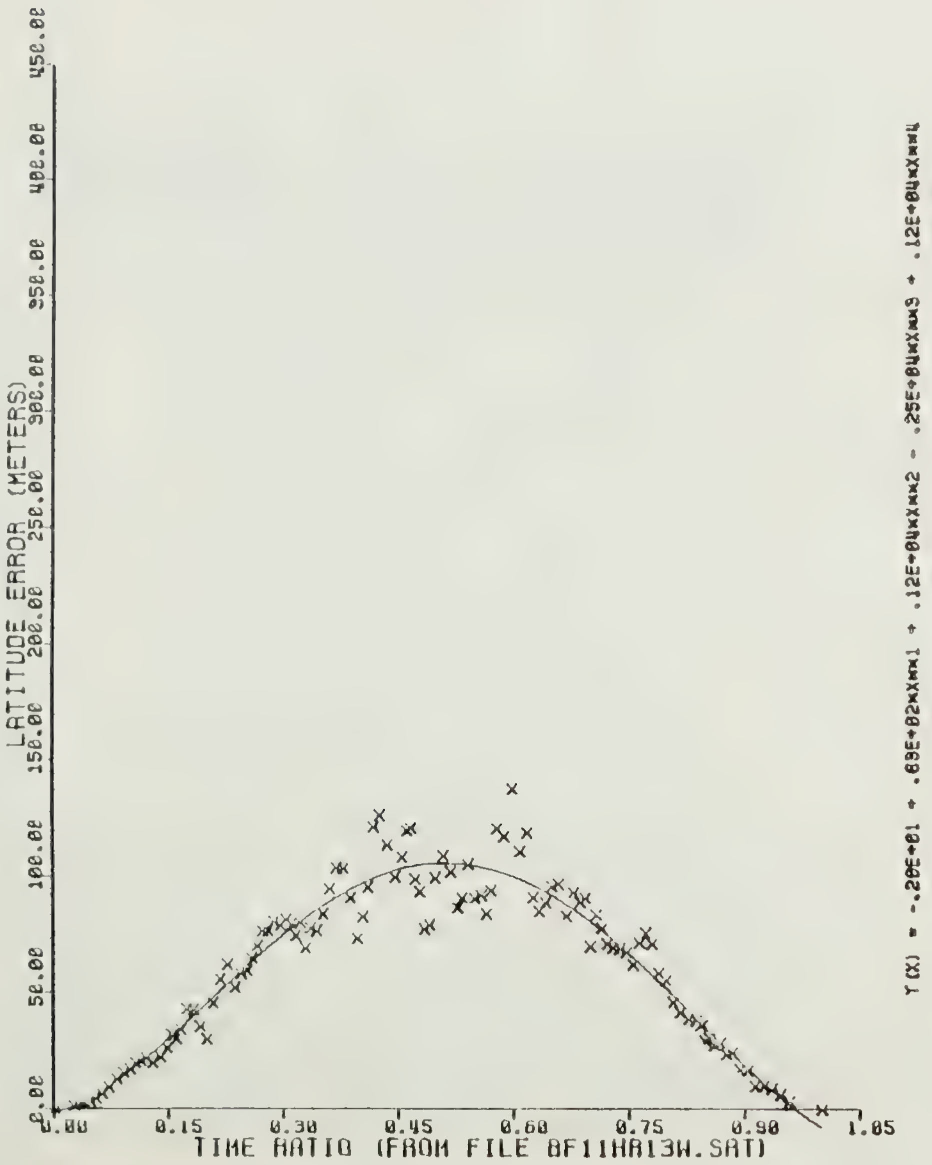


Figure 16. See text for more complete description.

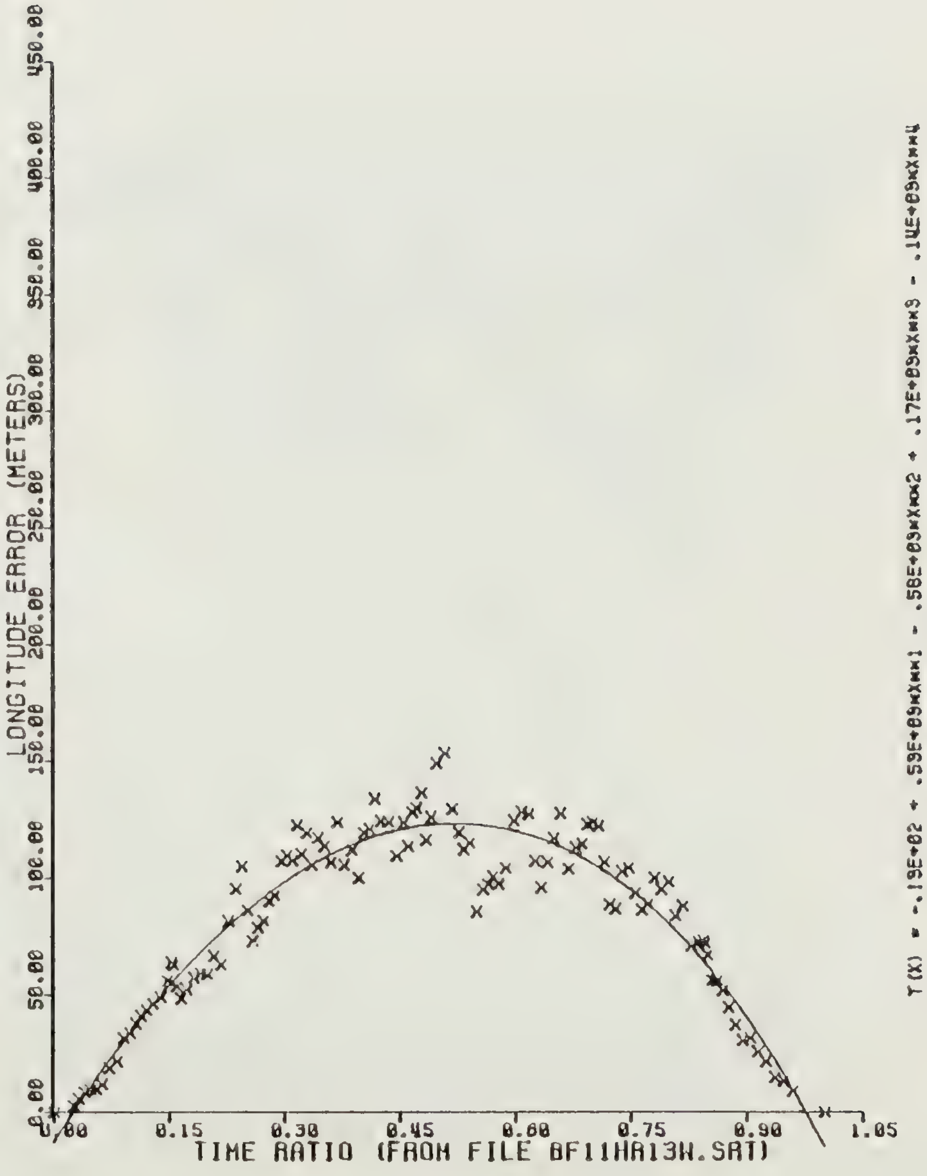


Figure 17. See text for more complete description.

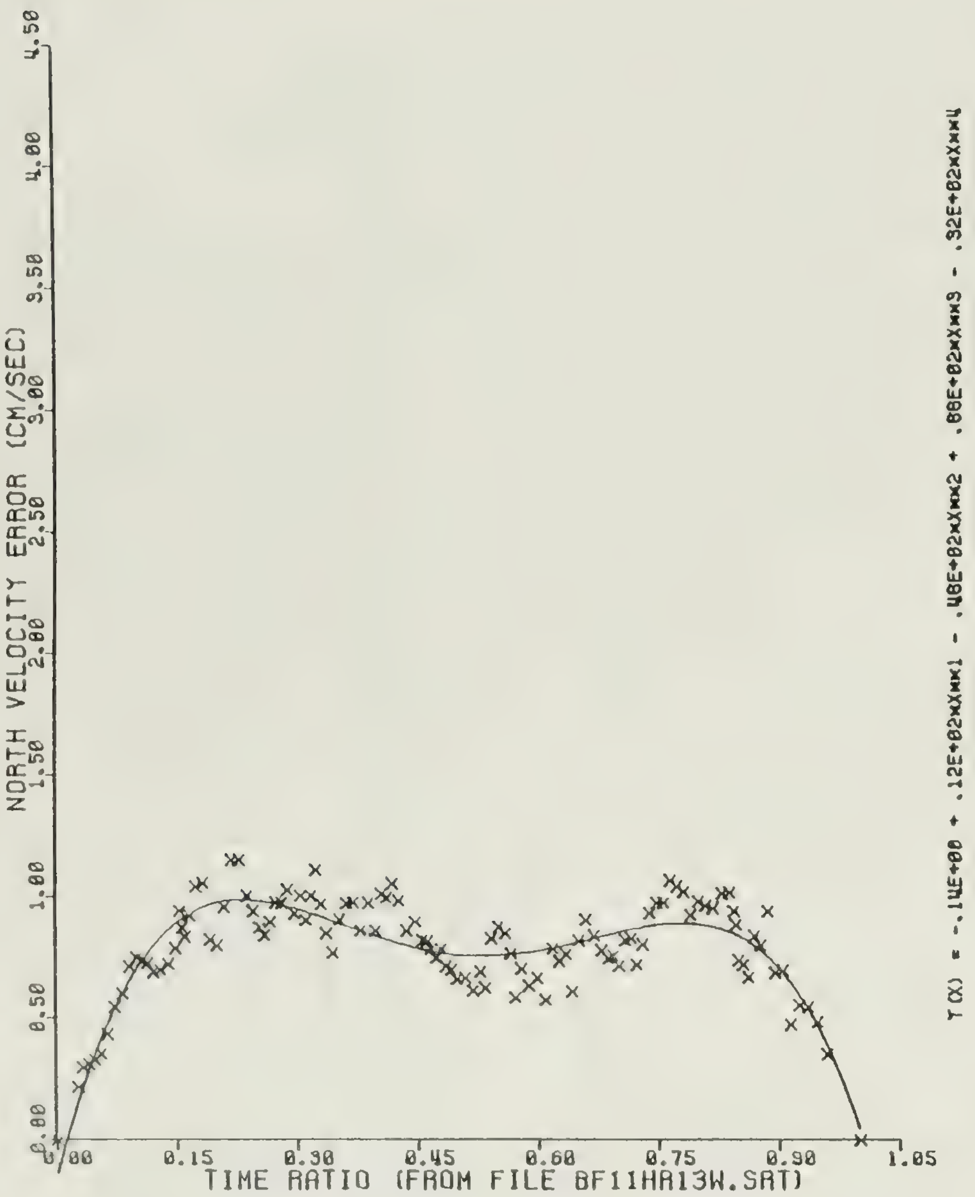


Figure 18. See text for more complete description.

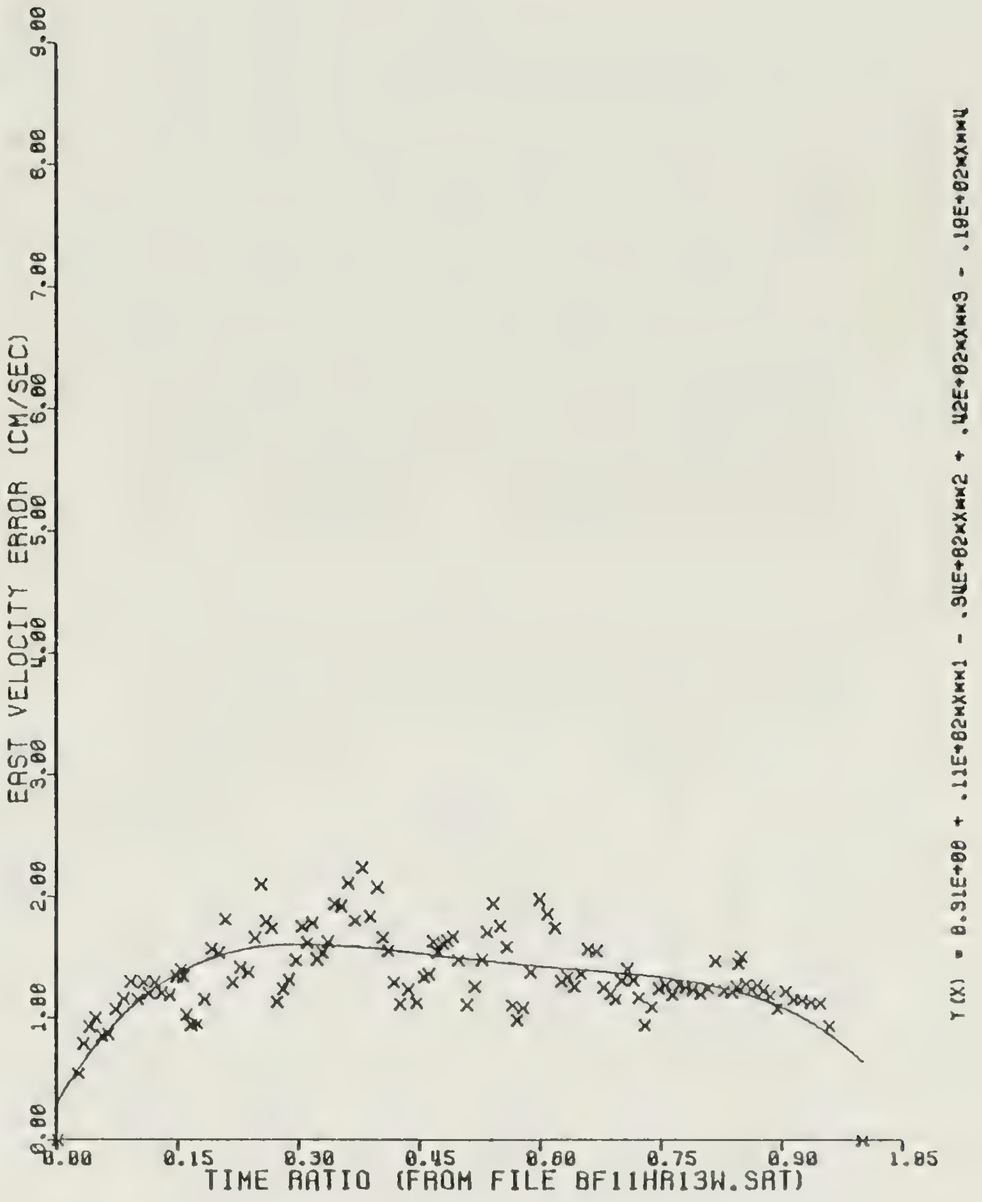


Figure 19. See text for more complete description.

The relative importance of these parameters can be seen in Figure 20. The six error equations corresponding to the total time differences of 1-2, 3-4, 6-7, 11-13, 23-25, and 47-49 hours are shown in the figure. Error estimates increase steadily with the total time differences previously listed. If we confine the data to time ratios from 0.2 to 0.8, a more reliable estimate of the importance of each parameter can be obtained. The justification being that all of the curves have roughly the same low errors near time ratios of 0.0 and 1.0. For any one of the curves in this range, the parameter of time ratio increases the error estimates at most by a factor of 3. The parameter of time difference, however, has a corresponding increase in error estimates as the cube of the time difference. Representing this in a mathematical form, we have:

$$Ee \approx [(3Rt), (Dt^3)] \tag{4}$$

The concept of time ratio was kept in the error equation for two reasons. The first reason was to give a worst error estimate, thereby allowing the user to select the best possible data for analysis. The other reason being that better than 95% of the error estimates provided to the oceanographic data set used the 1-2 hour time difference equation. At this low time difference, the time ratio becomes an equal contributor to estimation of errors.

Estimates of positions and velocities that required navigation points separated by more than 50 hours were given error defaults of 9999.9, even though the position and velocity were calculated. It was felt that after two days, error estimates would be extremely high (see equation 4) and therefore any resulting position and velocity must be flagged to indicate this. Error

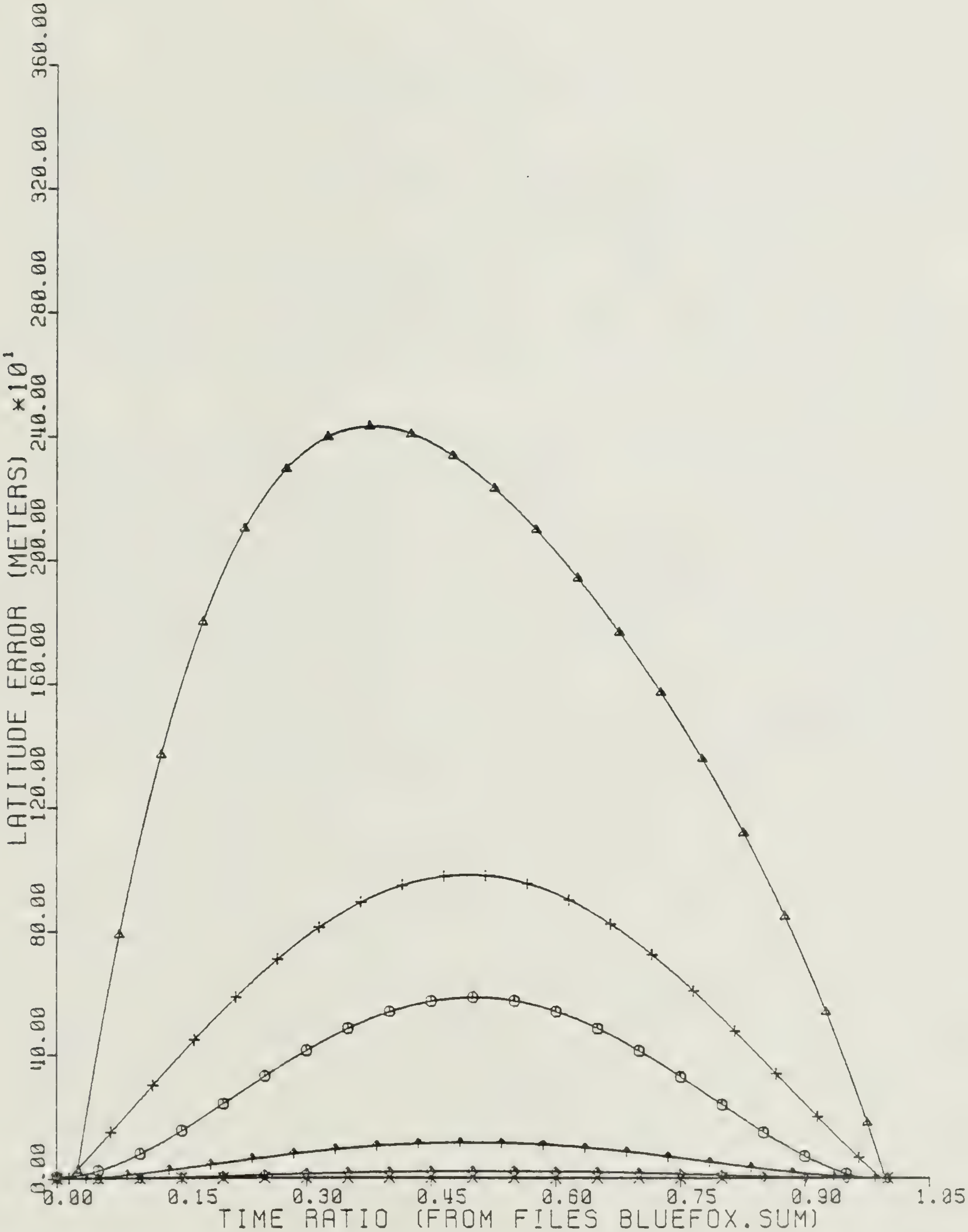


Figure 20. Shows relative importance of the time ratio and total time difference (Dt). The curves represent total time differences calculated from the summer data of Blue Fox. Symbols on the graph indicate the Dt as follows: x (1-2 HRS), diamond (3-4 HRS), up arrow (6-7 HRS), circle (11-13 HRS), + (23-25 HRS), and the triangle (47-49 HRS).

default data are extremely rare in this data set, however it should be reemphasized that the number is not to imply a quantitative estimate but designed to be a flag indicating questionable data.

Error estimates are also calculated to be negative in the cases where the time ratio is close to 0.0 or 1.0. These negative values are converted to zero since at these low time ratios, realistic errors are considered to be close to this value.

Coefficients for the 48 quadratic equations (4 equations per time band * 6 time bands per season * 2 seasons) were then placed in a computer program. With the maximum time difference and time ratio known, approximations to the 95% confidence error estimates could be computed for latitude, longitude, north and east ice velocity. These error estimates for position and ice velocity are in meters and cm/sec respectively. A copy of the subroutine listing that contains the coefficients of the quartic equations is shown in Appendix 2.

OUTPUT FORMAT OF FINAL DATA

This report consists entirely of absolute velocity data consisting of speed and direction at one meter intervals from the base of the ice to the maximum depth obtained by the sensor for any particular station. The limiting depth for all stations was 200 meters and was always obtained during low to moderate relative speeds in the water column. As the relative velocities increased, as in the presence of eddies, a significant portion of the 200 meters of cable was taken up in arching due to the increase in drag on the cable and sensor. During some eddies, maximum sensor depth may only be 140 meters even though the 200 meters of cable was payed out.

Station information is provided in two different formats, one being a numerical listing and the other being a plot of the profile. Two stations are graphically shown on one page of the data report. On the facing page, the corresponding numerical listing of the station is given.

The numerical data consist of other parameters relative to station information and are in some cases abbreviated to save space. A list of the parameters and their meaning is given in Table 3.

The plot of the absolute velocity profile is broken down into two components consisting of speed (shown as the solid line) and direction (shown as the dashed line). The speed scale is shown at the base of the profile. Three different scales for speed are used in the plotting of the figures, their respective maximum velocities being 25, 50 and 75 cm/sec. This was done to show as much structure as possible for the speeds indicated on any one particular profile. The directional scale is shown at the top of the profile and is a fixed scale from 0 to 360 degrees relative to True North. The labeling of the plot consists of the camp identification, the station number, the date (day-month-year) and the time (GMT).

TABLE 3

BIG BEAR	First Main Camp
CARIBOU	Satellite Camp later to become Main Camp
BLUE FOX	Satellite Camp
SNOWBIRD	Satellite Camp
STATION	Consecutive station listing as shown on analog charts
(***M.)	Maximum depth of station in meters
LAT	Latitude of station in decimal degrees N implying North
LONG	Longitude of station in decimal degrees W implying West
LTER	Estimate of positional error for latitude in meters
LGER	Estimate of positional error for longitude in meters
NIVEL	North component of ice velocity (cm/sec)
EIVEL	East component of ice velocity (cm/sec)
NVER	Estimate of error in north ice velocity (cm/sec)
EVER	Estimate of error in east ice velocity (cm/sec)
DPT	Depth in meters
SPD	Absolute speed in cm/sec
DRN	Direction as related to True North. Directions with a code of 999.9 imply no direction reported.

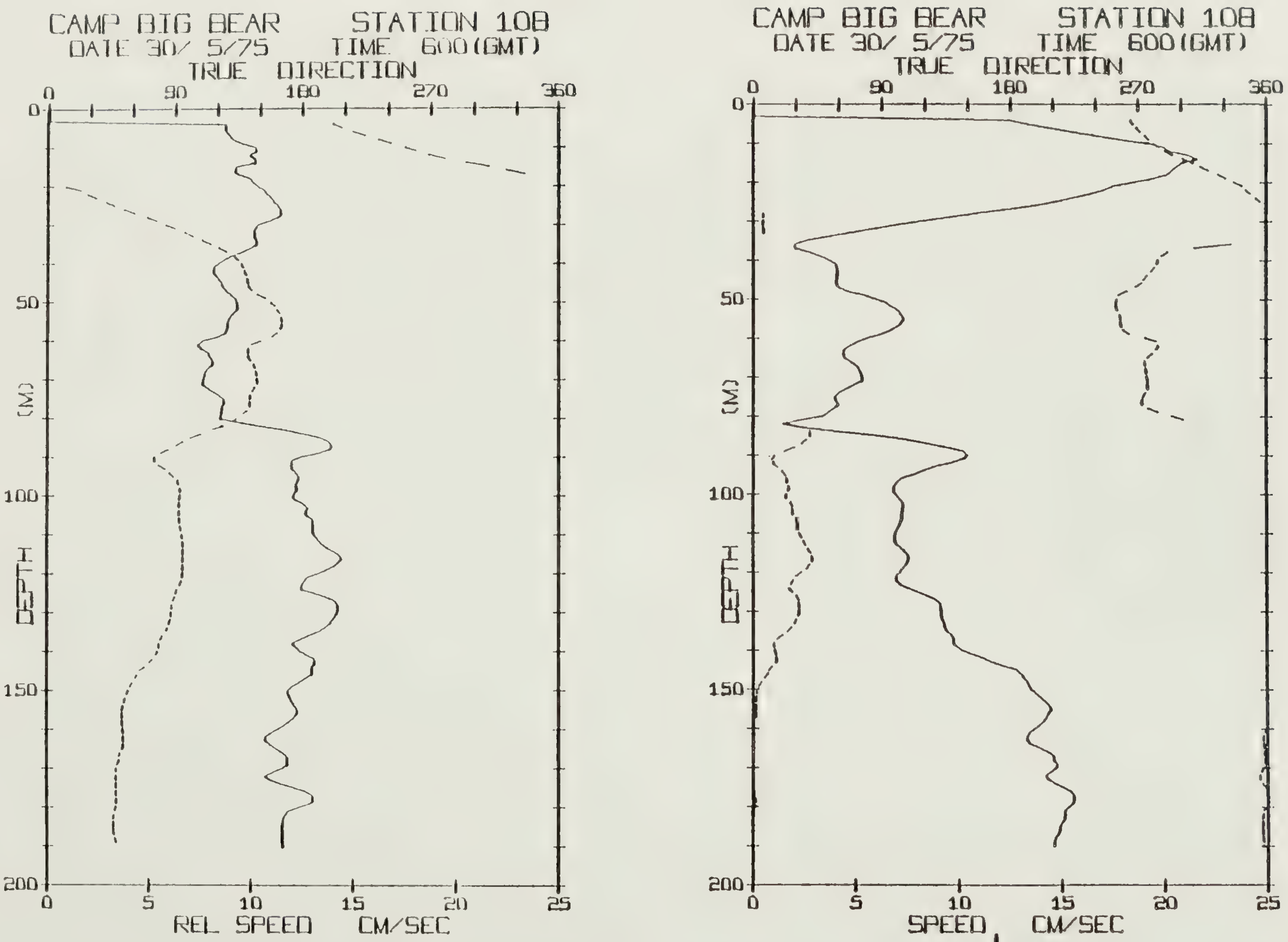
Note ... All dates and times are given in terms of Greenwich Mean Time.

FEATURES OBSERVED IN THE PROFILING CURRENT METER DATA

THE EKMAN LAYER

The concept of the planetary boundary layer, or Ekman layer, in which the velocity turns with depth, was first stimulated by observations of drifting ice. Nansen visualized the balances between surface wind stress, friction and Coriolis force which lead to a spiral structure for the current vectors. The idea was developed and set into mathematical form by Ekman. This layer, in which momentum exchange occurs between ice and water, was a central focus for the AIDJEX oceanographic program. Pack-ice forms a particularly stable platform for observations of behavior in the Ekman layer and observations of the Ekman spiral had been made from ice stations before the main AIDJEX experiment.

The PCM data, however, do frequently show indications of a spiral current structure in the upper layers. The vertically-integrated transport of water in the Ekman layer must flow at a right angle to the surface stress. In the northern hemisphere, the integrated flow is 90 degrees to the right of the surface stress. Water at the ice base will move with the ice in the direction of surface stress. Thus the current vectors will spiral downward to the right to achieve a net flow to the right. The exact shape of the spiral depends on the conditions of turbulence and stratification in the layer. A clockwise tendency for the current vectors is often noted in the current profiles. This indicates downward transfer of momentum from ice to water. Counterclockwise turning is also observed but less frequently. It indicates momentum transfer upwards from water to ice. Figures 21a and 21b show the effect of ice velocity addition on an Ekman spiral. Figure 21a is the relative trace showing a well developed directional shear of approximately 360 degrees. With the addition of the ice velocity vector, the directional shear is somewhat altered as seen in Figure 21b. Notice also the high directional shears at low speeds.



a.

b.

Figure 21. Graphically shows the result of adding the ice velocity vector to an Ekman spiral seen on a relative velocity profile (a) to produce absolute velocity data (b). Notice the change in directional shear between the relative and absolute profile from a depth of 20 to 40 meters.

SUBSURFACE EDDIES

Swift mesoscale undercurrents are one of the most notable oceanographic features observed in the AIDJEX area of the Arctic Ocean. The eddy form of these undercurrents was first described as a result of the 1972 AIDJEX pilot program. The eddies were shown to be 10 to 20 kilometers across and to extend in depth from 50 to 300 meters. The temperature and salinity fields as well as the velocity field are perturbed by the eddies which are baroclinic, and are approximately in geostrophic balance (Hunkins, 1974; Newton et al., 1974).

The 1975-76 data confirm that eddies are a common feature of this part of the Arctic Ocean. Maximum current speeds were found at depths ranging from 80 to 190 meters. In some cases current speeds attain a maximum of 59 cm/sec. Examples of different eddies at the four camps are shown in Figures 22-25. The 1972 data taken at discrete levels showed the rounded shape of the current profile. PCM data also show this but with some small scale structure imposed on the broad nose. There is often little directional shear through the eddy as in Figures 22 and 23, although, in some cases, as in Figures 24 and 25, there may be directional as well as speed shear through the eddy depth.

In Figures 26-29, current velocity vectors at four depths are plotted as a function of time at each of the four camps. Ice velocity vectors are at the top of each diagram. Days are numbered in sequence starting from January 1, 1975 (see Appendix 3). Examples of eddies are evident at each station. The eddy profiled in Figure 23 can be seen between days 151-155 of

Figure 27. The eddy profiled in Figure 24 appears in Figure 28 between days 150-154, while the eddy in Figure 25 appears in Figure 29, days 165-169. The eddy observed at Caribou, Figure 22, can be seen in Figure 26 between days 327 and 330. Although two of the eddies at different camps overlap in time, the camps are separated by 170 kilometers and are undoubtedly two distinct features. The tendency of the current vector to rotate with time is attributed to two reasons, (1) passage of the camp over the eddy, and (2) the translational velocity of the eddy. In most cases, the velocity of the camp is significantly greater than the velocity of the eddy. Profiles taken in this case appear to "freeze" the eddy as the camp passes over.

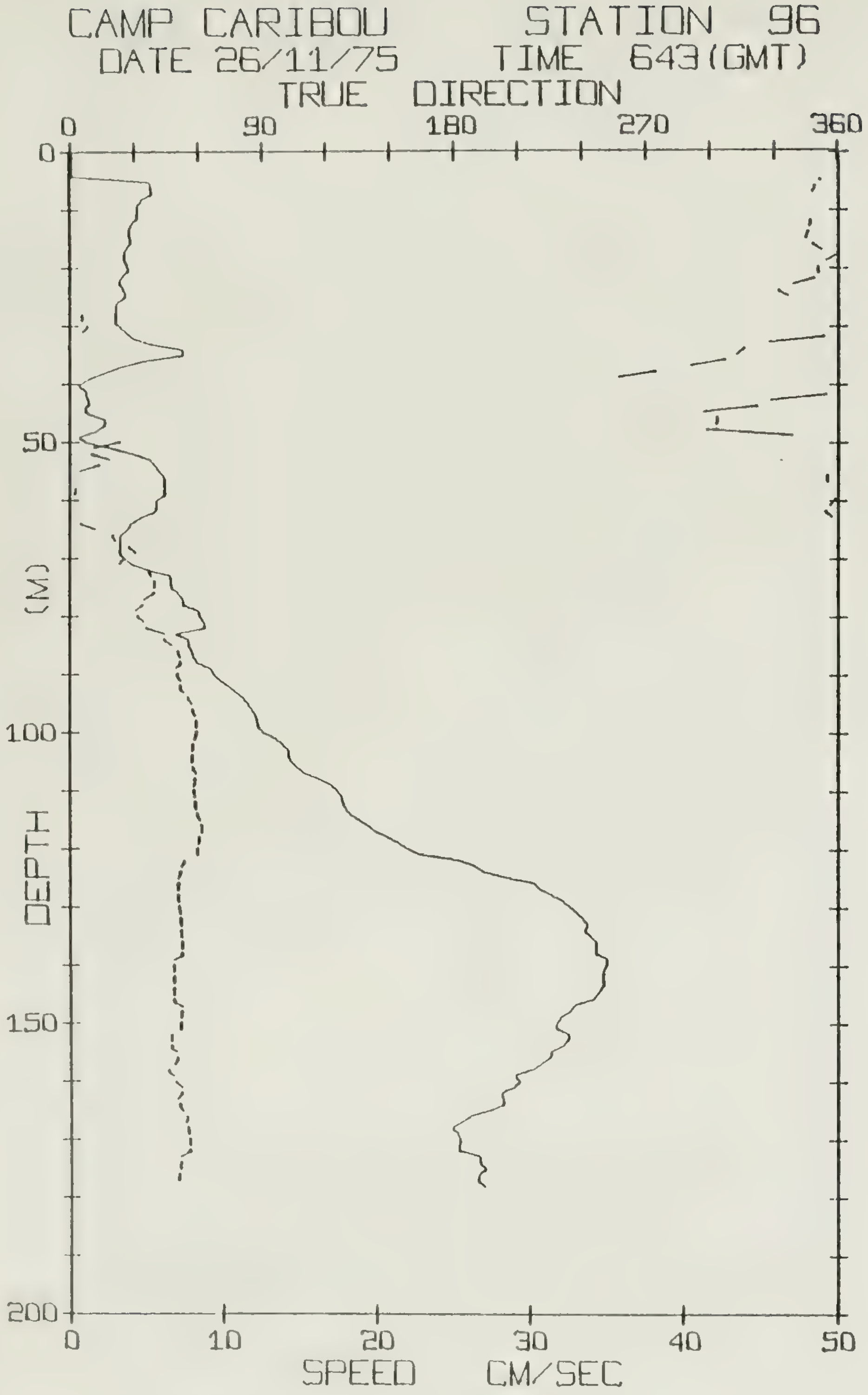


Figure 22. Eddy profile observed at camp Caribou.

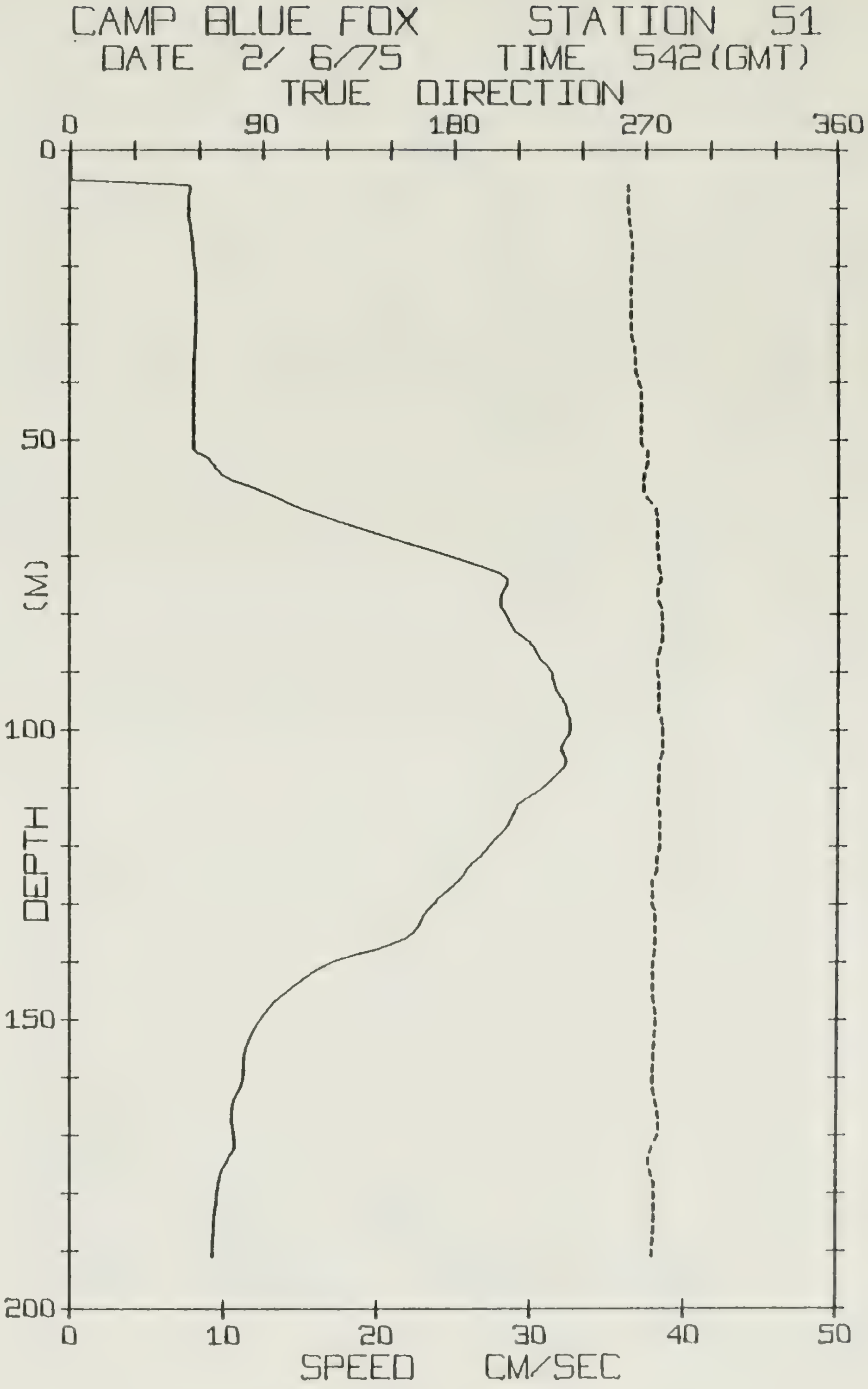


Figure 23. Eddy profile observed at camp Blue Fox.

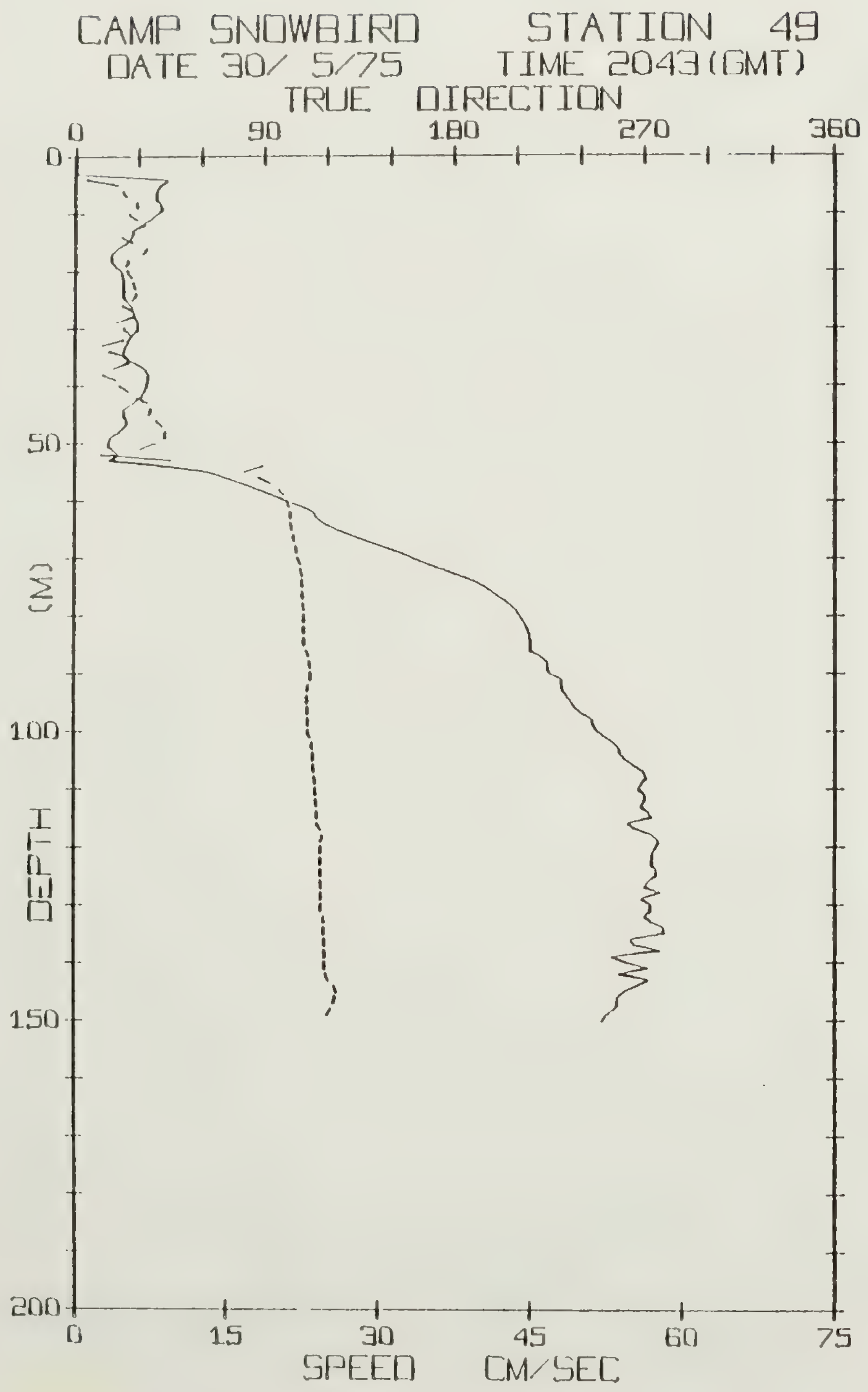


Figure 24. Eddy profile observed at camp Snowbird.

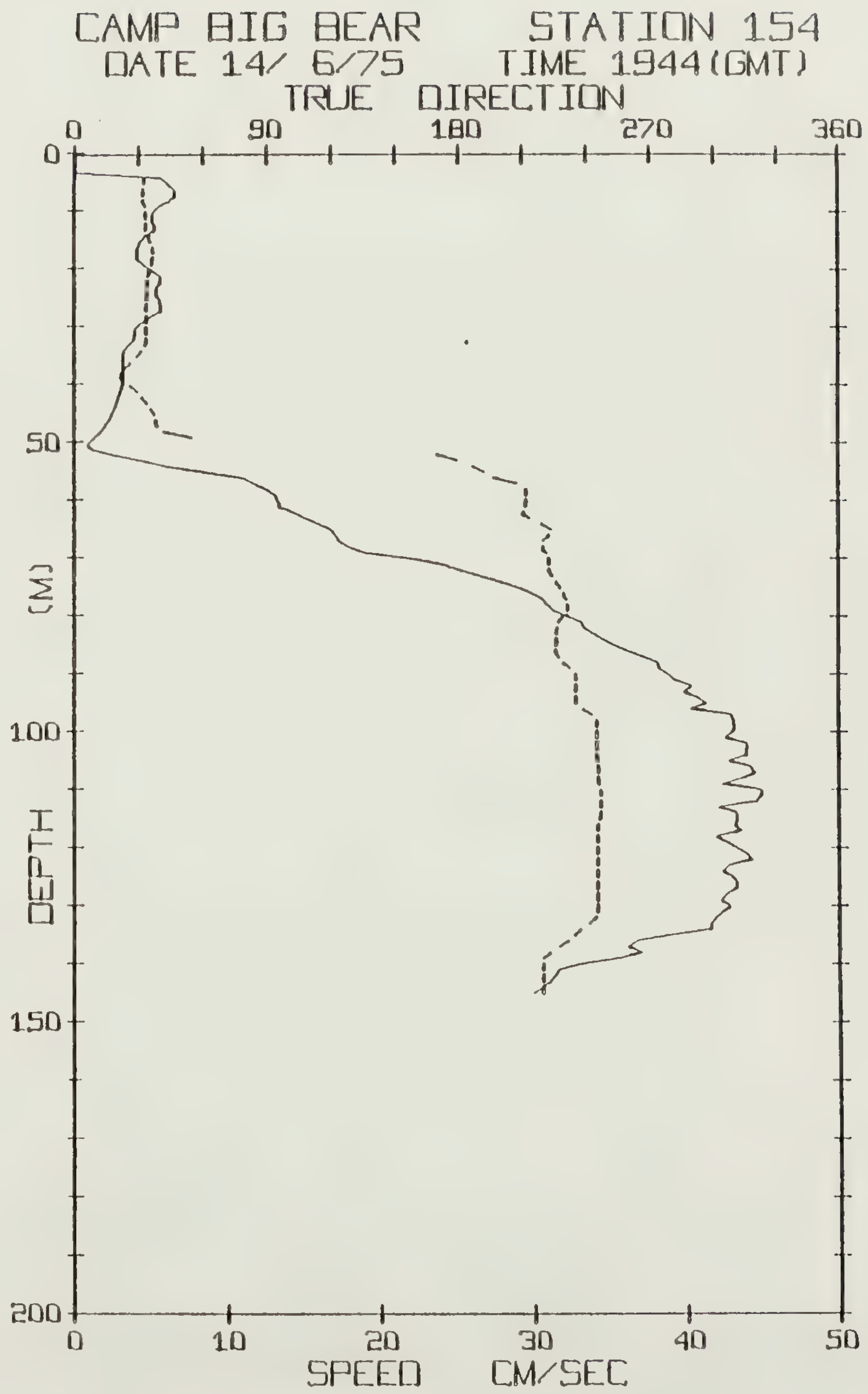


Figure 25. Eddy profile observed at camp Big Bear.

WIND-DRIVEN CURRENTS

Although the effect of wind-driven ice on the Ekman layer has been observed for some time, deeper influences have not been as carefully studied. Wind and ice motion are generally coherent over the array. There should be a clear separation of spatial scales between the ice-driven current scale of order 1000 kilometers and the baroclinic eddy scale of order 10 kilometers. Clear examples of barotropic currents appear in Figure 26, days 324-327, days 335-336, and days 368-370. These currents change little with depth, in contrast to the highly barotropic eddies. Other barotropic currents appear intermittently in Figures 27-29. However, random observations of eddies mask these currents below 50 meters. Such masking can be seen in Figure 27, days 170-174, Figure 28, days 149-156, and Figure 29, days 157-168.

Barotropic behavior is expected for currents generated by a transient wind stress. As the stress becomes less impulsive, more baroclinic motion would be produced. Thus the wind field at the largest time and space scales, the mean winds over the Canada Basin, generate the large scale Beaufort gyre. Short period wind and ice motion will result in a more barotropic response. Barotropic motions would not be reflected in the temperature and salinity profiles. They are detectable only with current meters or absolute measurements of surface height and tilt.

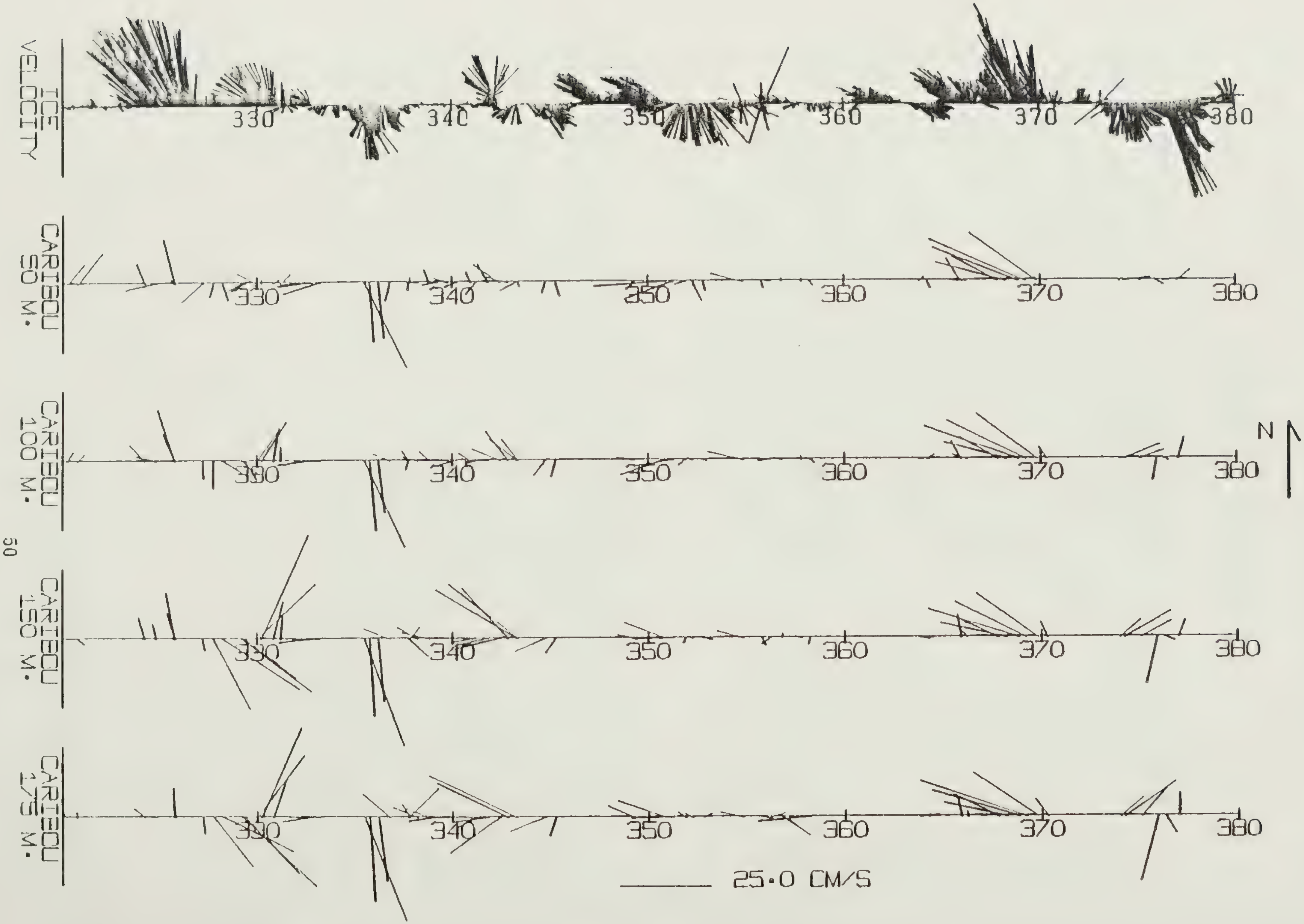


Figure 26. Stick diagram of profiling current meter data from camp Caribou at preselected depths of 50, 100, 150 and 175 meters. Ice velocity observed at camp is plotted at top of diagram. Vector pointing vertically upwards implies movement towards True North. AIDJEX days are shown on the horizontal axis.

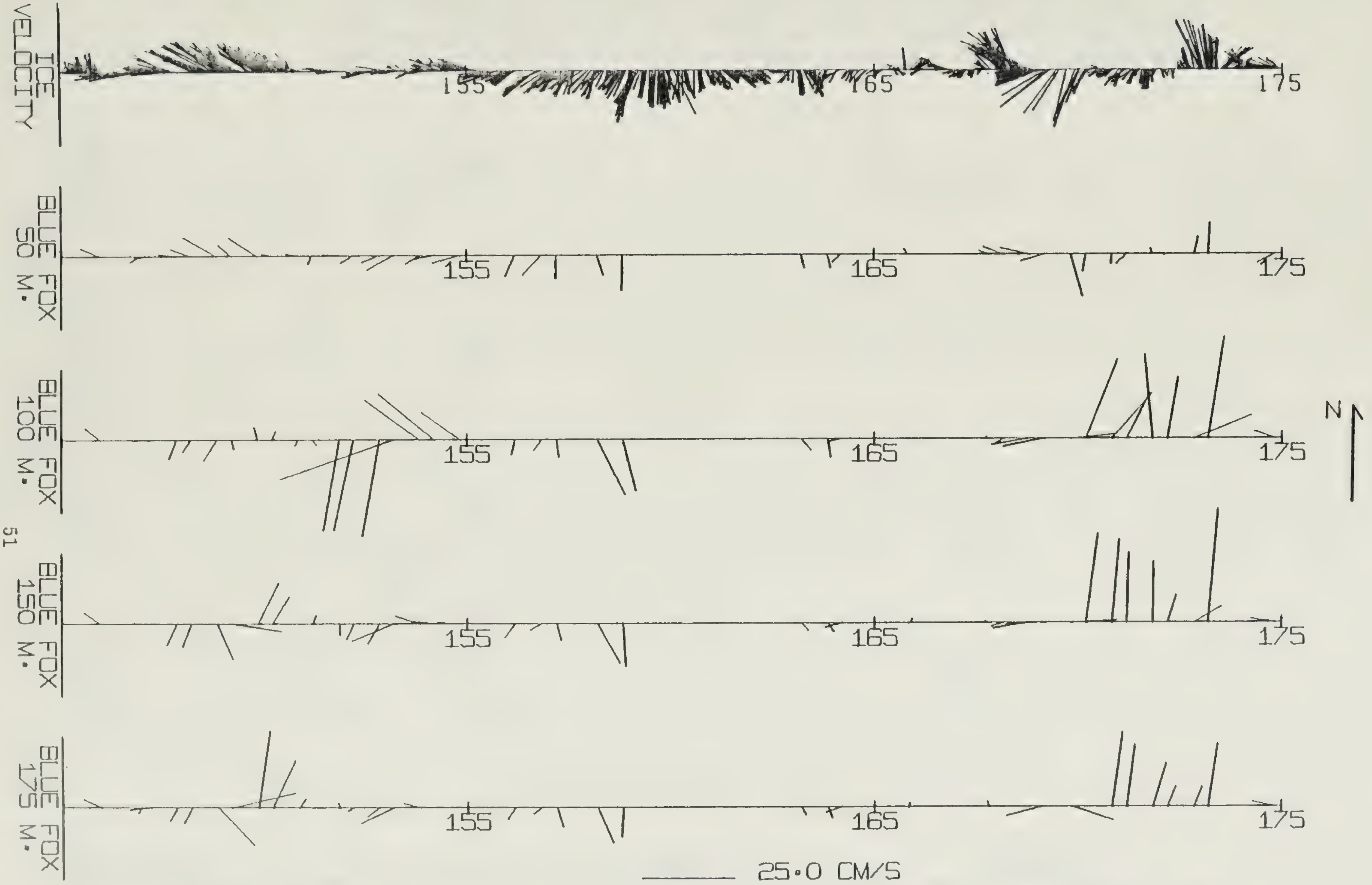


Figure 27. Stick diagram of profiling current meter data from camp Blue Fox at preselected depths of 50, 100, 150 and 175 meters. Ice velocity observed at camp is plotted at top of diagram. Vector pointing vertically upwards implies movement towards True North. AIDJEX days are shown on the horizontal axis.

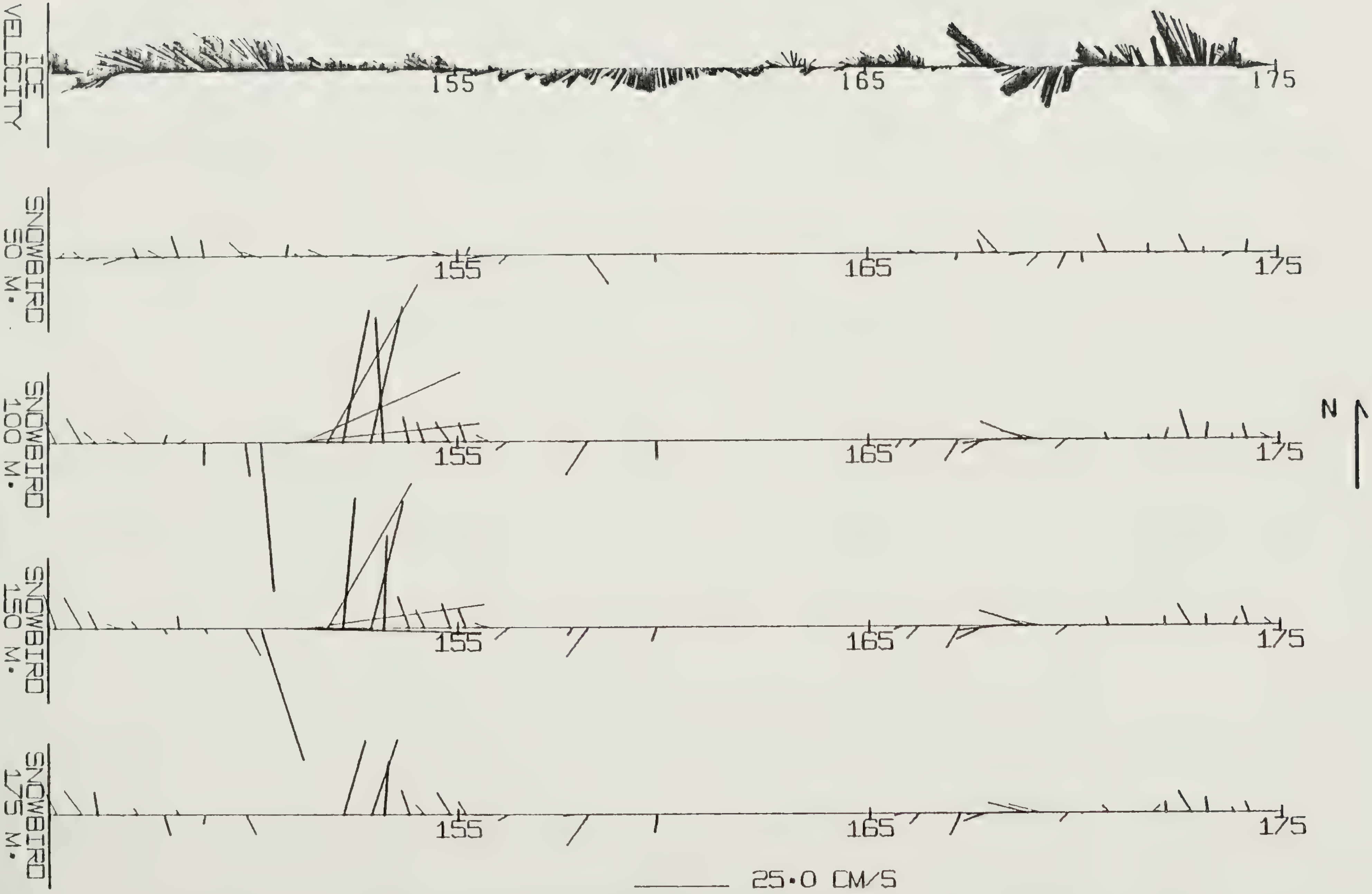


Figure 28. Stick diagram of profiling current meter data through time from camp Snowbird at preselected depths of 50, 100, 150 and 175 meters. Ice velocity observed at the camp is plotted at top of diagram. Vector pointing vertically upwards implies movement towards True North. AIDJEX days are shown on the horizontal axis.

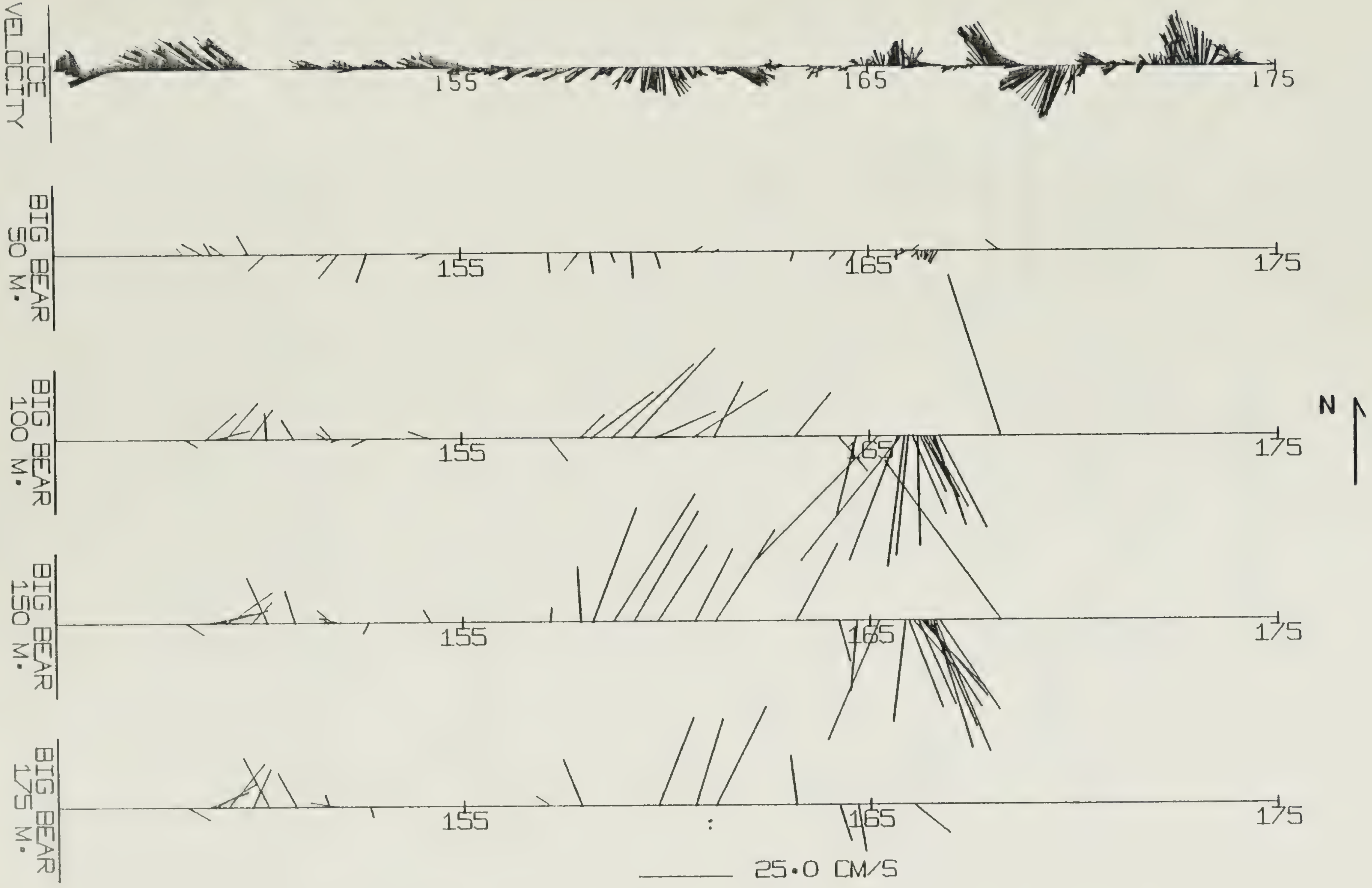


Figure 29. Stick diagram of profiling current meter data through time from camp Big Bear at preselected depths of 50, 100, 150 and 175 meters. Ice velocity observed at the camp is plotted at top of diagram. Vector pointing vertically upwards implies movement towards True North. AIDJEX days are shown on the horizontal axis.

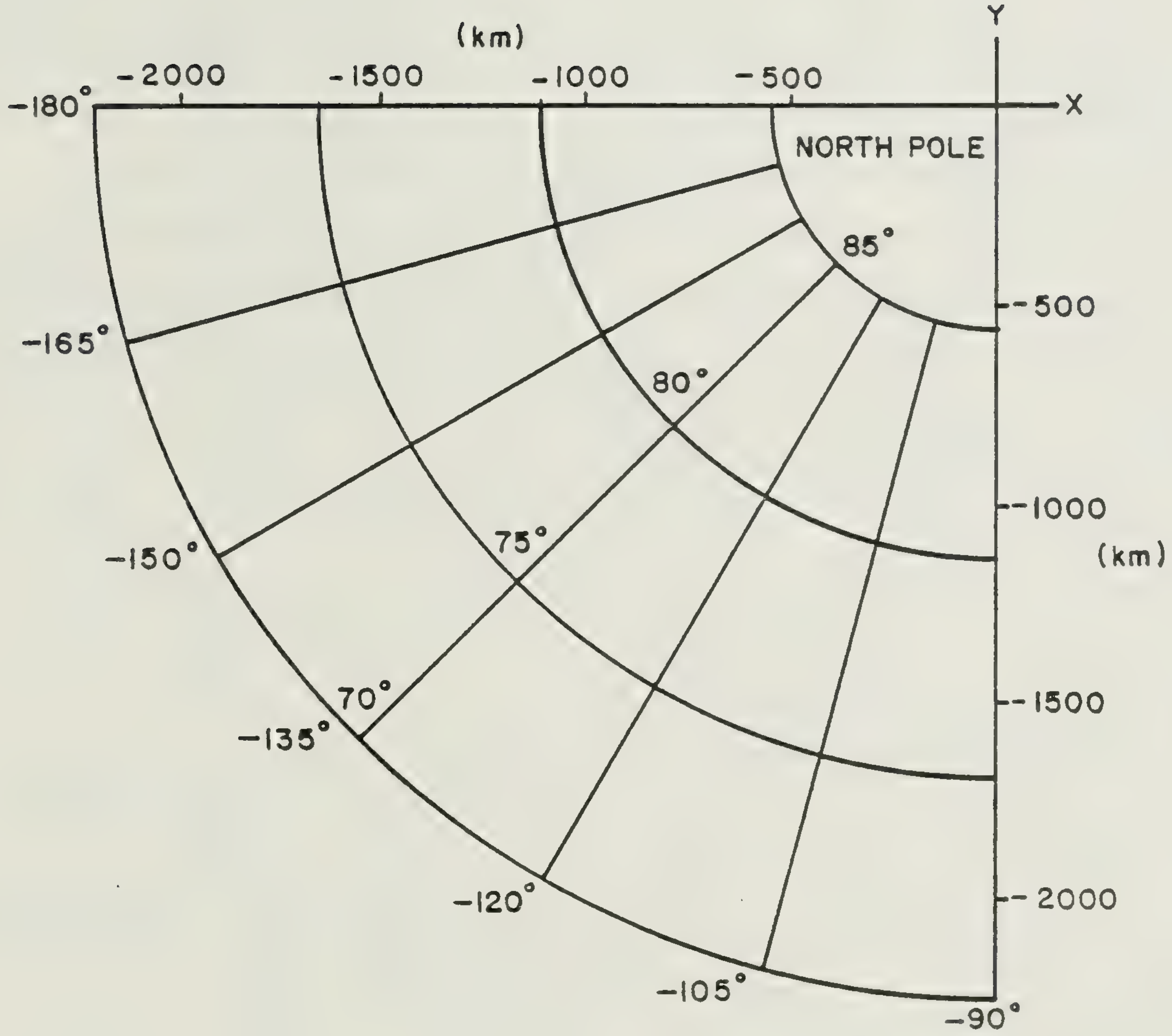
ACKNOWLEDGEMENTS

The AIDJEX oceanographic program was carried out with the financial support from the Office of Naval Research under contract N00014-76-C-0004.

We are pleased to acknowledge the efforts of the people who operated the current meters at the various camps: Barry Allen, Jai Ardai, Bharrat Dixit, Alan Gill, Brian Hill, and Paul Peltola.

APPENDIX 1

COORDINATE SYSTEMS


(km)
-2000
-1500
-1000
-500
Y
X
-180°
NORTH POLE
85°
-165°
-500
80°
-1000
(km)
-150°
75°
70°
-1500
-135°
-120°
-2000
-105°
-90°

Position measurements were made in geographical coordinates (latitude north, longitude east). The smoothing operation was done in a Cartesian system (x,y), where

$$x = 110.949 \ (90° - \text{latitude}) \cos(\text{longitude}) \ (\text{km})$$

$$y = 110.949 \ (90° - \text{latitude}) \sin(\text{longitude}) \ (\text{km})$$

APPENDIX 2

Subroutine PSNVEL is written in FORTRAN IV-PLUS and is adapted for use on a PDP 11/70. This subroutine calculates the position and ice velocity from the data base of Thorndike and Manley, 1980. Error estimates are also calculated for latitude, longitude, north and east ice velocities. The coefficients for the error estimate equations are found at the end of the subroutine. The actual equation is written as an arithmetic statement function near the beginning of the listing. Decimal AIDJEX days (Appendix 3) are used extensively in this subroutine.

```
C*******************************************************************************
C*******************************************************************************
C**** SUBROUTINE PSNVEL  ******  AIDJEX POSITION AND VELOCITY DETERMINATION ****
C*******************************************************************************
C*********************** PROGRAMMER  -- TOM MANLEY  *****************************
C******************************** DATE -- AUG. 01, 1979  ***********************
C*******************************************************************************
C** SUBROUTINE PSNVEL INTERPOLATES BETWEEN TWO CONSECUTIVE POSITIONAL OBSER-   *
C** VATIONS USING THE UPDATED SATELLITE-NAVIGATION DATA AS ITS BASE. INTERPOL- *
C** ATION IS BASED ON 2 CUBIC EQUATIONS DEFINED UNIQUELY BY THE BOUNDING NAV-  *
C** IGATION POINTS.                                                            *
C**   ERROR ESTIMATES TO THE CALCULATED POSITION AND ICE VELOCITY ARE SUPPLIED *
C** TO THE USER VIA THE 48 QUARTIC ERROR EQUATIONS DEFINED AT THE END OF THE   *
C** SUBROUTINE.                                                                *
C**   ALL DATES AND TIMES USED IN THE NAVIGATIONAL DATA SET AND THIS SUBROUTINE*
C** MUST BE GREENWHICH MEAN TIME.                                              *
C*******************************************************************************
C**INPUT PARAMETERS ARE AS FOLLOWS:                                            *
C**   1) IUNIT -- THE UNIT NUMBER THAT THE PROGRAM WILL USE IN OPENING THE     *
C**               APPROPRIATE CAMP FILE. ** NOTE ** THE UNIT WILL BE OPENED    *
C**               PERMANENTLY UNLESS THE CAMP IDENTIFIER CHANGES. IF THIS IS   *
C**               TRUE, THEN THE CURRENT FILE WILL BE CLOSED AND THE NEW CAMP  *
C**               NAVIGATION FILE WILL BE OPEN.                                *
C**   2) ICAMP -- THE CAMP ALPHANUMERIC(A2) I.E.--> BB,CB,BF,SB,M1             *
C**   3) IDAY  -- THE DAY IN QUESTION                                          *
C**   4) MON   -- THE MONTH IN QUESTION                                        *
C**   5) IYR   -- THE YEAR IN QUESTION                                         *
C**   6) ITIME -- THE TIME IN QUESTION                                         *
C*******************************************************************************
C**OUTPUT PARAMETERS ARE AS FOLLOWS:                                           *
C**   1) RLAT  -- LATITUDE OF THE STATION                                      *
C**   2) RLON  -- LONGITUDE OF THE STATION                                     *
C**   3) VELN  -- NORTH VELOCITY IN CM/SEC                                     *
C**   4) VELE  -- EAST VELOCITY IN CM/SEC                                      *
C**   5) LTERR -- ERROR ESTIMATE(95% CONFIDENCE) ON LATITUDE( IN METERS)       *
C**   6) LGERR -- ERROR ESTIMATE(95% CONFIDENCE) ON LONGITUDE( IN METERS)      *
C**   7) VNERR -- ERROR ESTIMATE(95% CONFIDENCE) ON NORTH VELOCITY(IN CM/SEC)  *
C**   8) NEERR -- ERROR ESTIMATE(95% CONFIDENCE) ON EAST VELOCITY  (IN CM/SEC) *
C**                                                                            *
C**     ** NOTE ** IF THE LAT. AND LONG ARE NOT AVAILABLE, THE SUBROUTINE      *
C**     GIVES THE FOLLOWING INFORMATION:                                       *
C**             RLAT = 9999.9          RLON = 9999.9                           *
C**             VELN = 9999.9          VELE = 9999.9                           *
C**             LTERR = 9999.9         LGERR = 9999.9                          *
C**             VNERR = 9999.9         VEERR = 9999.9                          *
C**                                                                            *
C**     ** NOTE ** IF THE BOUNDING SETS OF NAVIGATION DATA USED TO DEFINE THE  *
C**     CUBIC EQUATIONS ARE MORE THAN 50 HOURS APART, POSITION AND ICE VELOCITY*
C**     WILL BE PROVIDED. DEFAULT VALUES WILL HOWEVER BE ASSIGNED TO THE ERROR *
C**     ESTIMATES AS FOLLOWS:                                                  *
C**             LTERR = 9999.9         LGERR = 9999.9                          *
C**             VNERR = 9999.9         VEERR = 9999.9                          *
C*******************************************************************************
C** PARAMETERS THAT ARE NOT TO BE CHANGED BY THE USER DURING A RUN:            *
C**   1) FILE  --  INDICATES THE FILE HAS ALREADY BEEN OPENED                  *
C**                'YES' IF TRUE, 0 IF NO                                      *
C**                THIS CUTS DOWN ON THE AMOUNT OF TIME SPENT OPENING AND CLOS-*
C**                ING THE FILE.                                               *
C**   2) ICMPCK -  INTEGER CAMP CHECK VARIABLE. THIS HOLDS THE ID "CODE" OF THE*
C**                CAMP NUMBER WHOSE NAVIGATION FILE IS CURRENTLY OPENED.      *
C**                IF ICMPCK AND ICAMP DO NOT AGREE, THEN THE CURRENT FILE     *
C**                IS CLOSED AND THE NEW NAVIGATION FILE CORRESPONDING TO THE  *
C**                NEW CAMP ID "ICAMP" IS OPENED. ICMPCK IS THEN CHANGED TO    *
C**                ICAMP.                                                      *
C**   3) IDBSE -   THE INTEGER THAT HOLDS THE BASE DAY SUBTRACTION CONSTANT    *
C**                USED BY THE SUBROUTINE TO DETERMINE THE LOCATION OF ALL THE *
C**                DAYS IN THE NAVIGATION FILE. ------> UNDER NO CIRCUMSTANCES *
C**                SHOULD THIS VARIABLE BE CHANGED DURING A RUN ON ANY ONE CAMP*
C**   4) IYRBSE -  THE INTEGER THAT HOLDS THE BASE YEAR UPON WHICH THE JULIAN  *
C**                DAY IS DETERMINED. THE BASE YEAR IS DETERMINED THROUGH THE  *
C**                SUBROUTINE "CPCODE" AS ONE OF THE OUTPUT PARAMETERS. BASE   *
C**                YEARS WILL CHANGE WITH THE CAMPS SUCH AS THE MAIN AIDJEX    *
C**                EXPERIMENT BEING BASED ON THE YEAR 1975. THE FRAM 1 DATA IS *
C**                BASED ON THE YEAR 1979.  ======> UNDER NO CIRCUMSTANCES     *
C**                SHOULD THIS VARIABLE BE CHANGED DURING A RUN ON ANY ONE CAMP*
C*******************************************************************************
C*******************************************************************************
C*******************************************************************************
C******************************
C*********************
```

```
C************
C****
C*
C**
C**
      SUBROUTINE PSNVEL(IUNIT,ICAMP,IDAY,MON,IYR,ITIME,FILE,RLAT,RLON,
     1 VELN,VELE,LTERR,LGERR,VNERR,VEERR,ICMPCK,IDBSE,IYRBSE)
C**
      IMPLICIT REAL*8 (Z)
      REAL*8 RAD
      REAL LTERR,LGERR
      BYTE FILNAM(30),DIR(11)
      DIMENSION INAM(4)
C**
C** DEFINE A FUNCTION FOR THE QUARTIC ERROR ESTIMATES
C**
      Q(E,D,C,B,A,T)=A*T**4 + B*T**3 + C*T**2 + D*T + E
C**
C** SET AN ERROR CODE
C**
      CALL ERRSET(39,.TRUE.,.FALSE.,.TRUE.,.FALSE.,100)
C**
C**
      DATA FILNAM(30)/0/
      RAD = DASIN(1.0D0)/90.0D0
C**
C** CHECK TO SEE IF FILES ARE ALREADY OPENED
C**
   10 IF((ICMPCK.EQ.ICAMP) .AND. (FILE .EQ. 'YES')) GO TO 77
      IF((ICMPCK.NE.ICAMP) .AND. (FILE .NE. 'YES')) GO TO 18
      IF((ICMPCK.NE.ICAMP) .AND. (FILE .EQ. 'YES')) GO TO 15
   15 CLOSE(UNIT=INUIT)
   18 ENCODE(20,23,FILNAM) ICAMP
   23 FORMAT('DB2:[310,1]NAVDAT.',A2)
      ICMPCK = ICAMP
C**
      OPEN(UNIT=IUNIT,NAME=FILNAM,TYPE='OLD',
     1 ACCESS='DIRECT',FORM='FORMATTED',RECORDSIZE=70)
      FILE = 'YES'
C**==> FIND THE BASE YEAR FOR THE CAMP DATA
      I = 0
      CALL CPCODE(ICAMP,I,ZCAMA8,IYRBSE)
C**==> NOW FIND THE BASE JULIAN DAY THAT THE FILE WAS BASED ON USING THE
C**==> EQUATION IREC = (IJULDAY-IBASEDAY)*75 -1
      DO 27 IREC = 1,2000
      READ(IUNIT'IREC,20) RDAY
      IF(RDAY .EQ. 0.0) GO TO 27
      IDY = RDAY
      IDBSE = IDY - IFIX(((IREC-1)/75.)+.5)
D     TYPE 31, ICAMP,IDY,IREC,IDBSE
D  31 FORMAT(2X,'CAMP-> ',A2,' DAY/IREC/IDBASE=> ',3I6)
      GO TO 28
   27 CONTINUE
   28 CONTINUE
C**
C** CALCULATE THE RECORD NUMBER OF THE FIRST NAVIGATION POINTS CLOSEST
C** TO THE TIME OF THE STATION IN QUESTION
C**
   77 CALL JULDAY(IDAY,MON,IYR,ITIME,IYRBSE,RDAY)
      IADY = RDAY
      IREC = (IADY - IDBSE)*75 + 1
D     TYPE 66, IREC,IADY,IAPER
D  66 FORMAT(2X,'IREC/IADY/IAP---> ',3I6)
C**
C** CHECK FOR BAD RECORD NUMBER
C**
      IF(IREC .GE. 1) GO TO 79
   45 RLAT = 9999.9
      RLON = 9999.9
      VELN = 9999.9
      VELE = 9999.9
      VNERR = 9999.9
      VEERR = 9999.9
      LTERR = 9999.9
      LGERR = 9999.9
      GO TO 300
C**
C** READ THE RECORD
C**
   79 READ(IUNIT'IREC,20) DAYS,RLATS,RLONS,VELNS,VELES
   20 FORMAT(2X,3F12.6,2F8.1)
C**
C** IF THE BEGINNING RECORD HAS NO INFORMATION ON IT, KEEP INCREMENTING
C** THE IREC COUNTER UNTIL A RECORD WITH INFORMATION HAS BEEN FOUND
C**
      IF(DAYS .NE. 0.0) GO TO 83
      IREC = IREC + 1
      GO TO 79
C**
C** TURN THE DESIRED TIME INTO DECIMAL DAYS
C**
   83 IHR = ITIME/100.0 + .01
      IMN = (ITIME-(IHR*100))
      DAYSTN = (IADY*1.0) + (IHR/24.0) + (IMN/1440.)
      IDYSTN = DAYSTN
D     TYPE 87, DAYSTN
D  87 FORMAT(2X,'TIME OF DESIRED POINT => ',F12.6)
C**
C** CHECK TO SEE WHICH RECORD TO READ FOR THE BOUNDING INFORMATION
C**
C**
      IF((IDYSTN.LT.IDBSE) .AND. (IDYSTN.GT.500)) GO TO 45
      IF((IDYSTN.EQ.IDBSE) .AND. (DAYSTN.LT.DAYS)) GO TO 45
      IF(DAYSTN .LT. DAYS) GO TO 50
      IF(DAYSTN .GE. DAYS) GO TO 100
C** READ PREVIOUS RECORD
C**
   50 IREC = IREC -1
      READ(IUNIT'IREC,20) DAYE,RLATE,RLONE,VELNE,VELEE
C**==> CHECK FOR RECORD WITH NO DATA LISTED ON IT
      IF((RLATE.EQ.0.0).OR.(RLONE.EQ.0.0)) GO TO 50
C* => REORIENT THE DATA SO DAYS IS FIRST IN TIME,DAYE IS LAST
      DY = DAYS
      RL = RLATS
      RG = RLONS
      VN = VELNS
      VE = VELES
      DAYS = DAYE
      RLATS = RLATE
      RLONS = RLONE
      VELNS = VELNE
      VELES = VELEE
      DAYE = DY
      RLATE = RL
      RLONE = RG
      VELNE = VN
      VELEE = VE
      GO TO 200
C**
C** READ FOLLOWING RECORD
C**
  100 IREC = IREC + 1
      READ(IUNIT'IREC,20,ERR=45) DAYE,RLATE,RLONE,VELNE,VELEE
C**==> CHECK FOR RECORD WITH NO DATA LISTED ON IT
      IF((RLATE.EQ.0.0).OR.(RLONE.EQ.0.0)) GO TO 100
      IF(DAYSTN .LE. DAYE) GO TO 200
      DAYS = DAYE
      RLATS = RLATE
      RLONS = RLONE
      VELNS = VELNE
      VELES = VELEE
      GO TO 100
C**
C** START WITH TIME INTERPOLATION FOR LATITUDE AND VELOCITY NORTH
C**
C**=> CHANGE TIME POINTS IN DAYS TO TIME POINTS IN SECONDS
  200 CONTINUE
D     TYPE 43, DAYS,RLATS,RLONS,VELNS,VELES
D  43 FORMAT(2X,'START=> ',3F12.6,2F8.1)
D     TYPE 24, DAYE,RLATE,RLONE,VELNE,VELEE
D  24 FORMAT(2X,'END ==> ',3F12.6,2F8.1)
      ZT1 = DAYS*86400.D0
      ZT2 = DAYE*86400.D0
      ZTS = DAYSTN*86400.D0
      ZC = ZT2 - ZT1
C**==> CHANGE THE VEL TO DEGREES (LAT OR LONG)/SEC
      ZVELNS = VELNS/11094900.D0
      ZVELNE = VELNE/11094900.D0
      ZVELES = VELES/(11094900.D0*DCOS(RLATS*RAD))
      ZVELEE = VELEE/(11094900.D0*DCOS(RLATE*RAD))
      ZATNT = ZTS -ZT1
      ZALP = (ZVELNE - ZVELNS)/(3.D0*ZC**2)
      ZBET = -2.D0/(3.D0*ZC)
      ZB = (RLATE-RLATS-ZVELNS*ZC-ZALP*ZC**3)/(ZBET*ZC**3+ZC**2)
      ZA = ZALP + ZBET*ZB
      RLAT = (ZA*ZATNT**3)+(ZB*ZATNT**2)+(ZVELNS*ZATNT)+RLATS
      ZVELN = (3.D0*ZA*ZATNT**2)+(2.D0*ZB*ZATNT)+ZVELNS
C**
C** NOW FIGURE OUT THE LONGITUDE AND THE VELOCITY EAST
C**
      ZALP = (ZVELEE - ZVELES)/(3.D0*ZC**2)
      ZBET = -2.D0/(3.D0*ZC)
      ZB = (RLONE-RLONS-ZVELES*ZC-ZALP*ZC**3)/(ZBET*ZC**3+ZC**2)
      ZA = ZALP + ZBET*ZB
      RLON = (ZA*ZATNT**3)+(ZB*ZATNT**2)+(ZVELES*ZATNT)+RLONS
      ZVELE = (3.D0*ZA*ZATNT**2)+(2.D0*ZB*ZATNT)+ZVELES
C** CHANGE VEL BACK TO CM/SEC
      VELN = ZVELN*11094900.D0
      VELE = ZVELE*(11094900.D0*DCOS(RLAT*RAD))
D     TYPE 57, RLAT,RLON,VELN,VELE
D  57 FORMAT(2X,'LAT/LON/VN/VE=> ',4F10.4)
C**
C** CALCULATE TIME RATIO AND TOTAL TIME DIFFERENCE FOR ERROR ESTIMATES
C**
      SDIF = ZATNT/3.600E3
      TDIF = ZC/3.600E3
      T = SDIF/TDIF
D     TYPE 47, SDIF,TDIF,T
D  47 FORMAT(2X,'SDIF/TDIF/T=> ',3(F8.4,1X))
C**
C** CHECK FOR SUMMER OR WINTER DATA
C**
      IF((IDYSTN.LT.182) .OR. (IDYSTN.GT.273)) GO TO 205
C**==> THIS IS SUMMER DATA
C**==> NOW CHECK FOR THE SDIF TIME BOUNDS
      IF(TDIF .GT. 2.00) GO TO 110
C**==> THIS IS ERROR DATA BETWEEN 1 AND 2 HOURS
      LTERR=Q(.192869,-.575945E1,.700460E2,-.134647E3,.702872E2,T)
      LGERR=Q(.202941,-.468376E1,.903089E2,-.179822E3,.940866E2,T)
      VNERR=Q(-.264094E-1,.164596E1,-.672279E1,.976800E1,-.466455E1,T)
      VEERR=Q(.190725E-1,.182885E1,-.574349E1,.761949E1,-.374149E1,T)
      GO TO 300
  110 IF(TDIF .GT. 4.00) GO TO 120
C**==> THIS IS ERROR DATA BETWEEN 3 AND 4 HOURS
      LTERR=Q(.190364E1,-.466727E2,.553386E3,-.983192E3,.474845E3,T)
      LGERR=Q(.391057E1,-.105472E3,.118601E4,-.209909E4,.101307E4,T)
      VNERR=Q(-.220280,.878184E1,-.362110E2,.544938E2,-.267458E2,T)
      VEERR=Q(-.466398,.180550E2,-.748721E2,.114565E3,-.574648E2,T)
      GO TO 300
  120 IF(TDIF .GT. 7.00) GO TO 130
C**==> THIS IS ERROR DATA BETWEEN 6 AND 7 HOURS
      LTERR=Q(-.434573E1,.810672E2,.156793E4,-.335384E4,.170874E4,T)
      LGERR=Q(.406848E1,-.644965E2,.260012E4,-.513404E4,.259836E4,T)
      VNERR=Q(-.168660,.223409E2,-.950057E2,.146842E3,-.745103E2,T)
      VEERR=Q(.461851E-1,.212938E2,-.807473E2,.119812E3,-.606414E2,T)
      GO TO 300
  130 IF(TDIF .GT. 13.00) GO TO 140
C**==> THIS IS ERROR DATA BETWEEN 11 AND 13 HOURS
      LTERR=Q(.551924E1,-.312993E2,.945618E4,-.188342E5,.939432E4,T)
      LGERR=Q(.203458E2,-.355332E3,.103268E5,-.194064E5,.940165E4,T)
      VNERR=Q(-.450471,.627998E2,-.266976E3,.413131E3,-.209935E3,T)
      VEERR=Q(-.399648,.599848E2,-.249716E3,.387004E3,-.197477E3,T)
      GO TO 300
  140 IF(TDIF .GT. 25.00) GO TO 150
C**==> THIS IS ERROR DATA BETWEEN 23 AND 25 HOURS
      LTERR=Q(-.407233E2,.278504E4,.285207E4,-.116745E5,.605943E4,T)
      LGERR=Q(-.170113E3,.661352E4,-.170675E5,.213869E5,-.110412E5,T)
      VNERR=Q(.169221E1,.297300E2,-.644268E2,.657767E2,-.309871E2,T)
      VEERR=Q(.250704E1,.164704E2,-.889819E1,-.181705E2,.106707E2,T)
      GO TO 300
  150 IF(TDIF .GT. 50.00) GO TO 160
C**==> THIS IS ERROR DATA BETWEEN 47 AND 49 HOURS
      LTERR=Q(-.429890E3,.193509E5,-.443267E5,.406707E5,-.152876E5,T)
      LGERR=Q(-.341247E3,.155251E5,-.331577E5,.317635E5,-.140253E5,T)
      VNERR=Q(.419435E1,.583175E2,-.252295E3,.377632E3,-.186022E3,T)
      VEERR=Q(.143486E1,.854762E2,-.354166E3,.525771E3,-.256694E3,T)
      GO TO 300
  160 CONTINUE
C**==> NO DATA FOR TDIF GREATER THAN 50 HOURS, SET TO DEFAULT
                VEERR= 9999.9
```

```
           VNERR= 9999.9
           LGERR= 9999.9
           LTERR= 9999.9
      GO TO 300
C**==> THIS IS THE WINTER DATA SET
  205 IF(TDIF .GT. 2.00) GO TO 210
C**==> THIS IS ERROR DATA BETWEEN 1 AND 2 HOURS
      LTERR=Q(.247002,-.141055E1,.239450E2,-.475730E2,.248538E2,T)
      LGERR=Q(.377059,-.408318E1,.556174E2,-.108728E3,.568677E2,T)
      VNERR=Q(.735694E-2,.658285,-.274560E1,.408656E1,-.201109E1,T)
      VEERR=Q(.214845E-1,.138559E1,-.561334E1,.830719E1,-.412921E1,T)
      GO TO 300
  210 IF(TDIF .GT. 4.00) GO TO 220
C**==> THIS IS ERROR DATA BETWEEN 3 AND 4 HOURS
      LTERR=Q(.136832E1,-.282074E2,.306371E3,-.542406E3,.262633E3,T)
      LGERR=Q(.286660E1,-.795060E2,.941639E3,-.171066E4,.846418E3,T)
      VNERR=Q(-.602995E-1,.418834E1,-.178370E2,.275296E2,-.138677E2,T)
      VEERR=Q(-.284836,.133084E2,-.557777E2,.852540E2,-.476655E2,T)
      GO TO 300
  220 IF(TDIF .GT. 7.00) GO TO 230
C**==> THIS IS ERROR DATA BETWEEN 6 AND 7 HOURS
      LTERR=Q(-.549117,.123283E2,.594540E3,-.118623E4,.577537E3,T)
      LGERR=Q(.504752E1,-.109335E3,.182691E4,-.340773E4,.168563E4,T)
      VNERR=Q(-.798305E-2,.646701E1,-.240102E2,.351633E2,-.176241E2,T)
      VEERR=Q(-.740555E-1,.140985E2,-.533356E2,.794973E2,-.404684E2,T)
      GO TO 300
  230 IF(TDIF .GT. 13.00) GO TO 240
C**==> THIS IS ERROR DATA BETWEEN 11 AND 13 HOURS
      LTERR=Q(-.196154E1,.832318E2,.121998E4,-.251663E4,.120790E4,T)
      LGERR=Q(-.128723E2,.528756E3,-.563005E3,.169304E3,-.136860E3,T)
      VNERR=Q(-.137067,.124627E2,-.464115E2,.662067E2,-.320744E2,T)
      VEERR=Q(.305289,.113129E2,-.340711E2,.418276E2,-.187287E2,T)
      GO TO 300
  240 IF(TDIF .GT. 25.00) GO TO 250
C**==> THIS IS ERROR DATA BETWEEN 23 AND 25 HOURS
      LTERR=Q(-.527531E2,.194688E4,-.397901E4,.326826E4,-.120623E4,T)
      LGERR=Q(.209375E2,.402766E3,.411796E4,-.889242E4,.435372E4,T)
      VNERR=Q(.626779,.832293E1,-.279371E2,.367508E2,-.172505E2,T)
      VEERR=Q(.728756,.208960E2,-.899374E2,.136860E3,-.682694E2,T)
      GO TO 300
  250 IF(TDIF .GT. 50.00) GO TO 260
C**==> THIS IS ERROR DATA BETWEEN 47 AND 49 HOURS
      LTERR=Q(-.154057E3,.517674E4,-.147802E5,.182932E5,-.858630E4,T)
      LGERR=Q(.608849E1,.148286E4,.770615E4,-.178465E5,.865979E4,T)
      VNERR=Q(.619958,.843798E1,-.265352E2,.351965E2,-.165618E2,T)
      VEERR=Q(.110754E1,.976905E1,-.314405E2,.435897E2,-.216482E2,T)
      GO TO 300
C**==> NO DATA FOR TDIF GREATER THAN 50 HOURS, SET TO DEFAULT
  260 VEERR= 9999.9
      VNERR= 9999.9
      LGERR= 9999.9
      LTERR= 9999.9
C**
C** IF THE ERROR ESTIMATE EQUATIONS PROVIDE NEGATIVE VALUES SET THEM
C** TO ZERO
C**
  300 IF(LTERR .LT. 0.0) LTERR = 0.0
      IF(LGERR .LT. 0.0) LGERR = 0.0
      IF(VNERR .LT. 0.0) VNERR = 0.0
      IF(VEERR .LT. 0.0) VEERR = 0.0
D     TYPE 320, LTERR,LGERR,VNERR,VEERR
D 320 FORMAT(2X,'LT/LG/VN//VE ERR==> ',4F10.4)
C**
C** THATS ALL FOLKS
C**
      RETURN
      END
```

APPENDIX 3

CONVERSION TABLE FOR AIDJEX DAYS TO CALENDAR DAYS

For the main experiment, AIDJEX adopted a convention of numbering days consecutively, beginning with day 1 = 01 January, 1975 and ending with day 500 = 14 May, 1976.

In the conversion table, the first column is the AIDJEX day, the second is the corresponding day of 1975 or 1976 and the third entry is the calendar date.

Appendix 3 - Conversion Table

101	101	11	APR	75
102	102	12	APR	75
103	103	13	APR	75
104	104	14	APR	75
105	105	15	APR	75
106	106	16	APR	75
107	107	17	APR	75
108	108	18	APR	75
109	109	19	APR	75
110	110	20	APR	75
111	111	21	APR	75
112	112	22	APR	75
113	113	23	APR	75
114	114	24	APR	75
115	115	25	APR	75
116	116	26	APR	75
117	117	27	APR	75
118	118	28	APR	75
119	119	29	APR	75
120	120	30	APR	75
121	121	1	MAY	75
122	122	2	MAY	75
123	123	3	MAY	75
124	124	4	MAY	75
125	125	5	MAY	75
126	126	6	MAY	75
127	127	7	MAY	75
128	128	8	MAY	75
129	129	9	MAY	75
130	130	10	MAY	75
131	131	11	MAY	75
132	132	12	MAY	75
133	133	13	MAY	75
134	134	14	MAY	75
135	135	15	MAY	75
136	136	16	MAY	75
137	137	17	MAY	75
138	138	18	MAY	75
139	139	19	MAY	75
140	140	20	MAY	75
141	141	21	MAY	75
142	142	22	MAY	75
143	143	23	MAY	75
144	144	24	MAY	75
145	145	25	MAY	75
146	146	26	MAY	75
147	147	27	MAY	75
148	148	28	MAY	75
149	149	29	MAY	75
150	150	30	MAY	75
151	151	31	MAY	75
152	152	1	JUN	75
153	153	2	JUN	75
154	154	3	JUN	75
155	155	4	JUN	75
156	156	5	JUN	75
157	157	6	JUN	75
158	158	7	JUN	75
159	159	8	JUN	75
160	160	9	JUN	75
161	161	10	JUN	75
162	162	11	JUN	75
163	163	12	JUN	75
164	164	13	JUN	75
165	165	14	JUN	75
166	166	15	JUN	75
167	167	16	JUN	75
168	168	17	JUN	75
169	169	18	JUN	75
170	170	19	JUN	75
171	171	20	JUN	75
172	172	21	JUN	75
173	173	22	JUN	75
174	174	23	JUN	75
175	175	24	JUN	75
176	176	25	JUN	75
177	177	26	JUN	75
178	178	27	JUN	75
179	179	28	JUN	75
180	180	29	JUN	75
181	181	30	JUN	75
182	182	1	JUL	75
183	183	2	JUL	75
184	184	3	JUL	75
185	185	4	JUL	75
186	186	5	JUL	75
187	187	6	JUL	75
188	188	7	JUL	75
189	189	8	JUL	75
190	190	9	JUL	75
191	191	10	JUL	75
192	192	11	JUL	75
193	193	12	JUL	75
194	194	13	JUL	75
195	195	14	JUL	75
196	196	15	JUL	75
197	197	16	JUL	75
198	198	17	JUL	75
199	199	18	JUL	75
200	200	19	JUL	75
201	201	20	JUL	75
202	202	21	JUL	75
203	203	22	JUL	75
204	204	23	JUL	75
205	205	24	JUL	75
206	206	25	JUL	75
207	207	26	JUL	75
208	208	27	JUL	75
209	209	28	JUL	75
210	210	29	JUL	75
211	211	30	JUL	75
212	212	31	JUL	75
213	213	1	AUG	75
214	214	2	AUG	75
215	215	3	AUG	75
216	216	4	AUG	75
217	217	5	AUG	75
218	218	6	AUG	75
219	219	7	AUG	75
220	220	8	AUG	75
221	221	9	AUG	75
222	222	10	AUG	75
223	223	11	AUG	75
224	224	12	AUG	75
225	225	13	AUG	75
226	226	14	AUG	75
227	227	15	AUG	75
228	228	16	AUG	75
229	229	17	AUG	75
230	230	18	AUG	75
231	231	19	AUG	75
232	232	20	AUG	75
233	233	21	AUG	75
234	234	22	AUG	75
235	235	23	AUG	75
236	236	24	AUG	75
237	237	25	AUG	75
238	238	26	AUG	75
239	239	27	AUG	75
240	240	28	AUG	75
241	241	29	AUG	75
242	242	30	AUG	75
243	243	31	AUG	75
244	244	1	SEP	75
245	245	2	SEP	75
246	246	3	SEP	75
247	247	4	SEP	75
248	248	5	SEP	75
249	249	6	SEP	75
250	250	7	SEP	75
251	251	8	SEP	75
252	252	9	SEP	75
253	253	10	SEP	75
254	254	11	SEP	75
255	255	12	SEP	75
256	256	13	SEP	75
257	257	14	SEP	75
258	258	15	SEP	75
259	259	16	SEP	75
260	260	17	SEP	75
261	261	18	SEP	75
262	262	19	SEP	75
263	263	20	SEP	75
264	264	21	SEP	75
265	265	22	SEP	75
266	266	23	SEP	75
267	267	24	SEP	75
268	268	25	SEP	75
269	269	26	SEP	75
270	270	27	SEP	75
271	271	28	SEP	75
272	272	29	SEP	75
273	273	30	SEP	75
274	274	1	OCT	75
275	275	2	OCT	75
276	276	3	OCT	75
277	277	4	OCT	75
278	278	5	OCT	75
279	279	6	OCT	75
280	280	7	OCT	75
281	281	8	OCT	75
282	282	9	OCT	75
283	283	10	OCT	75
284	284	11	OCT	75
285	285	12	OCT	75
286	286	13	OCT	75
287	287	14	OCT	75
288	288	15	OCT	75
289	289	16	OCT	75
290	290	17	OCT	75
291	291	18	OCT	75
292	292	19	OCT	75
293	293	20	OCT	75
294	294	21	OCT	75
295	295	22	OCT	75
296	296	23	OCT	75
297	297	24	OCT	75
298	298	25	OCT	75
299	299	26	OCT	75
300	300	27	OCT	75
301	301	28	OCT	75
302	302	29	OCT	75
303	303	30	OCT	75
304	304	31	OCT	75
305	305	1	NOV	75
306	306	2	NOV	75
307	307	3	NOV	75
308	308	4	NOV	75
309	309	5	NOV	75
310	310	6	NOV	75
311	311	7	NOV	75
312	312	8	NOV	75
313	313	9	NOV	75
314	314	10	NOV	75
315	315	11	NOV	75
316	316	12	NOV	75
317	317	13	NOV	75
318	318	14	NOV	75
319	319	15	NOV	75
320	320	16	NOV	75
321	321	17	NOV	75
322	322	18	NOV	75
323	323	19	NOV	75
324	324	20	NOV	75
325	325	21	NOV	75
326	326	22	NOV	75
327	327	23	NOV	75
328	328	24	NOV	75
329	329	25	NOV	75
330	330	26	NOV	75
331	331	27	NOV	75
332	332	28	NOV	75
333	333	29	NOV	75
334	334	30	NOV	75
335	335	1	DEC	75
336	336	2	DEC	75
337	337	3	DEC	75
338	338	4	DEC	75
339	339	5	DEC	75
340	340	6	DEC	75
341	341	7	DEC	75
342	342	8	DEC	75
343	343	9	DEC	75
344	344	10	DEC	75
345	345	11	DEC	75
346	346	12	DEC	75
347	347	13	DEC	75
348	348	14	DEC	75
349	349	15	DEC	75
350	350	16	DEC	75
351	351	17	DEC	75
352	352	18	DEC	75
353	353	19	DEC	75
354	354	20	DEC	75
355	355	21	DEC	75
356	356	22	DEC	75
357	357	23	DEC	75
358	358	24	DEC	75
359	359	25	DEC	75
360	360	26	DEC	75
361	361	27	DEC	75
362	362	28	DEC	75
363	363	29	DEC	75
364	364	30	DEC	75
365	365	31	DEC	75
366	1	1	JAN	76
367	2	2	JAN	76
368	3	3	JAN	76
369	4	4	JAN	76
370	5	5	JAN	76
371	6	6	JAN	76
372	7	7	JAN	76
373	8	8	JAN	76
374	9	9	JAN	76
375	10	10	JAN	76
376	11	11	JAN	76
377	12	12	JAN	76
378	13	13	JAN	76
379	14	14	JAN	76
380	15	15	JAN	76
381	16	16	JAN	76
382	17	17	JAN	76
383	18	18	JAN	76
384	19	19	JAN	76
385	20	20	JAN	76
386	21	21	JAN	76
387	22	22	JAN	76
388	23	23	JAN	76
389	24	24	JAN	76
390	25	25	JAN	76
391	26	26	JAN	76
392	27	27	JAN	76
393	28	28	JAN	76
394	29	29	JAN	76
395	30	30	JAN	76
396	31	31	JAN	76
397	32	1	FEB	76
398	33	2	FEB	76
399	34	3	FEB	76
400	35	4	FEB	76
401	36	5	FEB	76
402	37	6	FEB	76
403	38	7	FEB	76
404	39	8	FEB	76
405	40	9	FEB	76
406	41	10	FEB	76
407	42	11	FEB	76
408	43	12	FEB	76
409	44	13	FEB	76
410	45	14	FEB	76
411	46	15	FEB	76
412	47	16	FEB	76
413	48	17	FEB	76
414	49	18	FEB	76
415	50	19	FEB	76
416	51	20	FEB	76
417	52	21	FEB	76
418	53	22	FEB	76
419	54	23	FEB	76
420	55	24	FEB	76
421	56	25	FEB	76
422	57	26	FEB	76
423	58	27	FEB	76
424	59	28	FEB	76
425	60	29	FEB	76
426	61	1	MAR	76
427	62	2	MAR	76
428	63	3	MAR	76
429	64	4	MAR	76
430	65	5	MAR	76
431	66	6	MAR	76
432	67	7	MAR	76
433	68	8	MAR	76
434	69	9	MAR	76
435	70	10	MAR	76
436	71	11	MAR	76
437	72	12	MAR	76
438	73	13	MAR	76
439	74	14	MAR	76
440	75	15	MAR	76
441	76	16	MAR	76
442	77	17	MAR	76
443	78	18	MAR	76
444	79	19	MAR	76
445	80	20	MAR	76
446	81	21	MAR	76
447	82	22	MAR	76
448	83	23	MAR	76
449	84	24	MAR	76
450	85	25	MAR	76
451	86	26	MAR	76
452	87	27	MAR	76
453	88	28	MAR	76
454	89	29	MAR	76
455	90	30	MAR	76
456	91	31	MAR	76
457	92	1	APR	76
458	93	2	APR	76
459	94	3	APR	76
460	95	4	APR	76
461	96	5	APR	76
462	97	6	APR	76
463	98	7	APR	76
464	99	8	APR	76
465	100	9	APR	76
466	101	10	APR	76
467	102	11	APR	76
468	103	12	APR	76
469	104	13	APR	76
470	105	14	APR	76
471	106	15	APR	76
472	107	16	APR	76
473	108	17	APR	76
474	109	18	APR	76
475	110	19	APR	76
476	111	20	APR	76
477	112	21	APR	76
478	113	22	APR	76
479	114	23	APR	76
480	115	24	APR	76
481	116	25	APR	76
482	117	26	APR	76
483	118	27	APR	76
484	119	28	APR	76
485	120	29	APR	76
486	121	30	APR	76
487	122	1	MAY	76
488	123	2	MAY	76
489	124	3	MAY	76
490	125	4	MAY	76
491	126	5	MAY	76
492	127	6	MAY	76
493	128	7	MAY	76
494	129	8	MAY	76
495	130	9	MAY	76
496	131	10	MAY	76
497	132	11	MAY	76
498	133	12	MAY	76
499	134	13	MAY	76
500	135	14	MAY	76

REFERENCES

Bauer, E., Hunkins, K., Manley, T.O., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, STD Data - Camp Caribou, Volume 1. CU-8-80. Tech. Rpt. No. 8, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Bauer, E., Hunkins, K., Manley, T.O., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, STD Data - Camp Blue Fox, Volume 2. CU-9-80. Tech. Rpt. No. 9, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Bauer, E., Hunkins, K., Manley, T.O., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, STD Data - Camp Snowbird, Volume 3. CU-10-80. Tech. Rpt. No. 10, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Bauer, E., Hunkins, K., Manley, T.O., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, STD Data - Camp Big Bear, Volume 4. CU-11-80. Tech. Rpt. No. 11, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Hunkins, K., 1974. Subsurface eddies in the Arctic Ocean. Deep Sea Res. 21, 1017-1033.

Manley, T.O., Hunkins, K., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, Profiling Current Meter Data - Camp Caribou, Volume 1. CU-4-80. Tech. Rpt. No. 4, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Manley, T.O., Hunkins, K., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, Profiling Current Meter Data - Camp Blue Fox, Volume 2. CU-5-80. Tech. Rpt. No. 5, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Manley, T.O., Hunkins, K., and Tiemann, W., 1980. Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, Profiling Current Meter Data - Camp Big Bear, Volume 4. CU-7-80. Tech. Rpt. No. 7, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Newton, J L., K. Aagaard, and L.K. Coachman, 1974. Baroclinic eddies in the Arctic Ocean. Deep Sea Res. 21, 707-719.

Thorndike, A.S., and Cheung, J.Y., 1977. AIDJEX Measurements of Sea Ice Motion, 11 April 1975 to 14 May 1976. AIDJEX Bull. Vol. 35, 149 pp.

Thorndike, A.S. and Manley, T.O., 1980. Updated Position and Ice Velocities Measurements for the AIDJEX Manned Camps, Volume 1, 11 April 1975 to 17 October 1975. CU-2-80. Tech. Rpt. No. 2, Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

Thorndike, A.S. and Manley, T.O., 1980. Updated Position and Ice Velocities Measurements for the AIDJEX Manned Camps, Volume 2, 18 October 1975 to 4 May 1976. CU-3-80. Tech. Rpt. No. 3. Lamont-Doherty Geological Observatory of Columbia University, Palisades, N.Y.

________________________, 1976. Ocean CurrentVelocities at 2 and 38 m. AIDJEX Bull. Vol. 32, 59-64.

RESULTS

The following section of the data report provides all of the absolute velocity PCM data taken at camp Snowbird during the 1975-76 Arctic Ice Dynamics Joint Experiment. Numerical listings and corresponding plots of the data are given.

PCM STATION LISTINGS

The station listing shows all stations taken at the camp along with other pertinent information. Stations that have been digitized are indicated by the word "PLOT", stations that are listed with "TSER" ("time series" or " ") were not digitized primarily due to lack of relative speeds. Parameters at the top of each page imply the following:

CAMP	Name of manned camp
STAT	PCM station
CODE	Processing code, see above
DY	day
MON	month
YR	year
TIME	GMT time of station
AJXDAY	AIDJEX day (decimal) of station, see Appendix 3
DEPTH	maximum depth (meters) obtained at station
N. VEL	north component of ice velocity (+ implies North, - implies South)
E. VEL	east component of ice velocity (+ implies East, - implies West)
LATITUDE	latitude of station in decimal degrees
LONGITUDE	longitude of station in decimal degrees (- implies West longitude)
LT. ERR	error of latitude position in meters
LG. ERR	error of longitude position in meters
VN. ERR	error in north component of ice velocity in cm/sec
VE. ERR	error in east component of ice velocity in cm/sec

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N VEL	E. VEL	LATITUDE	LONGITUDE	LAT ERR	LNG ERR	NV. ERR	EV. ERR
SNOWBIRD	1		4	MAY	75	626	124.2681		-2.2	-5.4	76.25323	-146.45753	0.7	1.4	0.1	0.1
SNOWBIRD	2		4	MAY	75	1818	124.7625		-0.2	-11.4	76.25244	-146.56970	0.5	0.9	0.0	0.1
SNOWBIRD	3		5	MAY	75	756	125.3306		-0.4	-14.4	76.25651	-146.79716	0.5	0.9	0.0	0.1
SNOWBIRD	4		5	MAY	75	1746	125.7403		2.9	-12.6	76.25909	-146.98676	0.0	0.0	0.0	0.0
SNOWBIRD	5		6	MAY	75	544	126.2389		3.3	-14.0	76.27517	-147.24626	0.0	0.0	0.0	0.1
SNOWBIRD	6		6	MAY	75	1742	126.7375		0.5	-8.9	76.28526	-147.44331	1.1	2.1	0.0	0.1
SNOWBIRD	7		7	MAY	75	644	127.2806		1.1	-2.7	76.29871	-147.56255	0.2	0.3	0.0	0.1
SNOWBIRD	8		7	MAY	75	1745	127.7396		-0.2	2.0	76.30214	-147.59204	0.1	0.1	0.0	0.1
SNOWBIRD	9		8	MAY	75	1748	128.7417		0.9	-0.8	76.30171	-147.63316	1.1	2.1	0.0	0.1
SNOWBIRD	10		9	MAY	75	543	129.2382		1.7	1.9	76.31349	-147.65063	0.3	0.4	0.0	0.1
SNOWBIRD	11		10	MAY	75	548	130.2417		-2.4	0.8	76.32507	-147.60812	1.0	1.9	0.0	0.1
SNOWBIRD	12		10	MAY	75	1805	130.7535		-8.7	3.0	76.30886	-147.56520	0.8	1.5	0.1	0.1
SNOWBIRD	13	PLOT	11	MAY	75	558	131.2486	200	-3.2	3.1	76.28968	-147.51965	26.0	50.6	0.8	1.2
SNOWBIRD	14	PLOT	11	MAY	75	1807	131.7549	198	-3.7	-2.1	76.27781	-147.50613	0.6	1.1	0.0	0.1
SNOWBIRD	15	PLOT	12	MAY	75	544	132.2389	196	-4.0	-4.5	76.26024	-147.56786	1.1	2.2	0.0	0.1
SNOWBIRD	16	PLOT	12	MAY	75	1831	132.7715	196	-6.0	-4.8	76.23571	-147.60992	1.1	2.2	0.0	0.1
SNOWBIRD	17	PLOT	13	MAY	75	545	133.2376	198	-7.3	-5.6	76.20587	-147.69206	1.0	2.0	0.0	0.1
SNOWBIRD	18	PLOT	13	MAY	75	1803	133.7521	196	-7.6	-1.0	76.17825	-147.72688	0.3	0.5	0.1	0.1
SNOWBIRD	19		14	MAY	75	501	134.2090		-7.0	4.0	76.15391	-147.66881	0.9	1.6	0.0	0.1
SNOWBIRD	20		14	MAY	75	1825	134.7674		-6.5	6.7	76.12756	-147.56845	0.9	1.7	0.0	0.1
SNOWBIRD	21	PLOT	15	MAY	75	517	135.2201	186	-9.7	5.1	76.10289	-147.43634	0.0	0.0	0.0	0.1
SNOWBIRD	22	PLOT	16	MAY	75	1857	136.7096	198	10.5	0.7	76.08273	-147.38887	0.9	1.7	0.0	0.1
SNOWBIRD	23	PLOT	17	MAY	75	626	137.2681	190	7.0	-7.4	76.12342	-147.46106	1.1	2.2	0.0	0.1
SNOWBIRD	24	PLOT	18	MAY	75	556	138.2472	198	-1.8	-12.4	76.16142	-147.86153	1.1	2.2	0.0	0.1
SNOWBIRD	25	PLOT	18	MAY	75	2107	138.8799	194	-0.7	-20.8	76.15919	-148.10324	0.2	0.2	0.0	0.1
SNOWBIRD	26	PLOT	19	MAY	75	551	139.2437	198	-4.0	-10.2	76.15190	-148.29184	492.2	726.6	1.6	2.2
SNOWBIRD	27	PLOT	19	MAY	75	2043	139.8632	198	-4.0	-1.0	76.12975	-148.37898	299.1	355.1	1.6	2.1
SNOWBIRD	28		20	MAY	75	542	140.2375		-5.6	-0.1	76.11705	-148.38524	0.8	1.5	0.1	0.1
SNOWBIRD	29		20	MAY	75	2040	140.8611		-1.1	0.3	76.10537	-148.35889	0.2	0.2	0.0	0.1
SNOWBIRD	30		21	MAY	75	541	141.2358		-0.4	3.1	76.10415	-148.32813	0.0	0.0	0.0	0.1
SNOWBIRD	31	PLOT	21	MAY	75	2146	141.9070	200	7.0	1.2	76.11463	-148.29848	0.0	0.0	0.0	0.0
SNOWBIRD	32	PLOT	22	MAY	75	542	142.2375	200	4.2	3.4	76.13130	-148.25711	0.0	0.0	0.0	0.0
SNOWBIRD	33		22	MAY	75	2044	142.8639		2.7	2.9	76.14812	-148.18588	0.8	1.6	0.0	0.1
SNOWBIRD	34	PLOT	23	MAY	75	542	143.2375	200	-0.3	4.0	76.15386	-148.12004	0.9	1.7	0.0	0.1
SNOWBIRD	35	PLOT	23	MAY	75	2046	143.8653	200	-2.0	3.0	76.15454	-148.04411	1.1	2.2	0.0	0.1
SNOWBIRD	36	PLOT	24	MAY	75	542	144.2375	200	-2.6	1.6	76.14784	-147.99779	9.1	27.8	0.2	0.6
SNOWBIRD	37	PLOT	24	MAY	75	2042	144.8625	200	1.7	0.2	76.14535	-147.97824	0.2	0.3	0.0	0.1
SNOWBIRD	38	PLOT	25	MAY	75	546	145.2403	200	3.3	-1.9	76.15336	-147.96713	1.1	2.0	0.0	0.1
SNOWBIRD	39	PLOT	25	MAY	75	2049	145.8674	198	5.5	-7.7	76.17554	-148.03093	0.9	1.6	0.0	0.1
SNOWBIRD	40	PLOT	26	MAY	75	542	146.2375	198	-0.4	-7.5	76.18238	-148.12282	1.1	2.2	0.0	0.1
SNOWBIRD	41	PLOT	26	MAY	75	2043	146.8632	198	-2.3	-12.5	76.16785	-148.30942	0.6	1.1	0.0	0.1
SNOWBIRD	42	PLOT	27	MAY	75	549	147.2424	198	1.8	-11.5	76.16550	-148.44514	1.1	2.1	0.0	0.1
SNOWBIRD	43	PLOT	27	MAY	75	2045	147.8646	196	5.2	-13.1	76.18429	-148.68599	0.3	0.5	0.0	0.1
SNOWBIRD	44	PLOT	28	MAY	75	554	148.2458	194	6.3	-13.3	76.20313	-148.85643	1.1	2.2	0.0	0.1
SNOWBIRD	45	PLOT	28	MAY	75	2043	148.8632	194	7.8	-11.5	76.23433	-149.08838	40.8	84.0	0.5	1.1
SNOWBIRD	46		29	MAY	75	543	149.2382		6.4	-9.1	76.25672	-149.21581	1.1	2.2	0.0	0.1
SNOWBIRD	47	PLOT	29	MAY	75	2043	149.8632	197	9.3	-11.5	76.28992	-149.39188	1.0	2.0	0.0	0.1
SNOWBIRD	48	PLOT	30	MAY	75	544	150.2389	173	6.7	-10.7	76.31180	-149.52194	1.0	1.9	0.0	0.1
SNOWBIRD	49	PLOT	30	MAY	75	2043	150.8632	150	8.3	-7.3	76.34909	-149.65961	0.6	1.1	0.1	0.1
SNOWBIRD	50	PLOT	31	MAY	75	544	151.2389	162	3.6	-5.3	76.36643	-149.72191	0.4	0.5	0.1	0.1
SNOWBIRD	51	PLOT	31	MAY	75	2040	151.8611	159	2.6	-8.6	76.37877	-149.81746	0.0	0.0	0.0	0.1
SNOWBIRD	52	PLOT	1	JUN	75	544	152.2389	183	1.2	-4.7	76.38625	-149.89169	0.4	0.6	0.1	0.1
SNOWBIRD	53	PLOT	1	JUN	75	2213	152.9257	180	1.8	-9.0	76.39432	-150.01320	0.2	0.2	0.0	0.1
SNOWBIRD	54	PLOT	2	JUN	75	543	153.2382	193	1.6	-5.3	76.39748	-150.07977	0.0	0.0	0.0	0.1
SNOWBIRD	55	PLOT	2	JUN	75	2043	153.8632	198	0.2	-6.4	76.40490	-150.18242	0.2	0.2	0.0	0.1
SNOWBIRD	56	PLOT	3	JUN	75	543	154.2382	200	1.3	-6.6	76.40960	-150.24208	0.0	0.0	0.0	0.0
SNOWBIRD	57	PLOT	3	JUN	75	2043	154.8632	199	3.9	-11.1	76.42611	-150.37392	0.9	1.6	0.0	0.1
SNOWBIRD	58	PLOT	4	JUN	75	559	155.2493	198	1.8	-9.4	76.43537	-150.48375	0.3	0.3	0.0	0.1
SNOWBIRD	59	PLOT	4	JUN	75	2043	155.8632	199	-0.4	-15.3	76.43954	-150.69008	0.2	0.3	0.0	0.0
SNOWBIRD	60	PLOT	5	JUN	75	643	156.2799	199	-1.9	-6.2	76.43660	-150.81718	12.4	37.5	0.1	0.4
SNOWBIRD	61	PLOT	5	JUN	75	2021	156.8479	198	-2.3	-7.4	76.43055	-150.93947	0.8	1.5	0.1	0.1
SNOWBIRD	62		6	JUN	75	543	157.2382		-2.4	-4.6	76.42594	-151.01266	1.1	2.1	0.0	0.1
SNOWBIRD	63	PLOT	6	JUN	75	2021	157.8479	199	-2.9	-7.4	76.41360	-151.11050	0.3	0.5	0.1	0.1
SNOWBIRD	64	PLOT	7	JUN	75	520	158.2222	199	-5.1	-4.9	76.40507	-151.18364	0.3	0.3	0.0	0.1
SNOWBIRD	65		7	JUN	75	2043	158.8632		-1.8	-3.0	76.39085	-151.24791	22.9	40.8	0.6	1.2
SNOWBIRD	66		8	JUN	75	517	159.2201		-6.1	-4.1	76.38177	-151.28435	0.2	0.3	0.0	0.1
SNOWBIRD	67	PLOT	8	JUN	75	2114	159.8847	198	-6.6	-1.0	76.35394	-151.32167	0.0	0.0	0.0	0.0
SNOWBIRD	68		9	JUN	75	543	160.2382		-4.4	1.0	76.33994	-151.31126	1.1	2.1	0.0	0.1
SNOWBIRD	69		9	JUN	75	2110	160.8875		-2.9	0.4	76.32329	-151.30017	0.0	0.0	0.0	0.1
SNOWBIRD	70		10	JUN	75	543	161.2382		-2.1	0.9	76.31910	-151.29855	1.1	2.1	0.0	0.1

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E. VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG. ERR	NV. ERR	EV. ERR
SNOWBIRD	71		10	JUN	75	2223	161.9326		-2.1	4.1	76.30912	-151.23352	0.0	0.0	0.0	0.0
SNOWBIRD	72		11	JUN	75	544	162.2389		0.2	2.6	76.30595	-151.19069	1.1	2.1	0.0	0.1
SNOWBIRD	73		11	JUN	75	2043	162.8632		1.7	-2.2	76.30702	-151.18933	0.3	0.3	0.0	0.1
SNOWBIRD	74		12	JUN	75	543	163.2382		3.6	-3.3	76.31032	-151.22763	0.2	0.3	0.0	0.1
SNOWBIRD	75		12	JUN	75	2143	163.9049		-2.2	-3.9	76.31874	-151.25169	0.0	3.8	0.1	0.1
SNOWBIRD	76		13	JUN	75	523	164.2243		-1.0	-7.9	76.31429	-151.31398	0.8	1.6	0.1	0.1
SNOWBIRD	77		13	JUN	75	2043	164.8632		1.1	-5.3	76.31208	-151.39418	0.3	0.5	0.0	0.1
SNOWBIRD	78		14	JUN	75	544	165.2389		2.1	-3.0	76.31098	-151.41949	0.6	1.0	0.0	0.1
SNOWBIRD	79	PLOT	14	JUN	75	2043	165.8632	198	3.1	-2.4	76.33074	-151.49626	1.0	2.0	0.0	0.1
SNOWBIRD	80	PLOT	15	JUN	75	558	166.2486	198	4.9	-3.2	76.34278	-151.52104	0.5	0.8	0.1	0.1
SNOWBIRD	81		15	JUN	75	2043	166.8632		-0.6	-3.8	76.34872	-151.58612	1.0	1.9	0.0	0.1
SNOWBIRD	82	PLOT	16	JUN	75	544	167.2389	199	-0.3	-1.5	76.34731	-151.61574	0.0	0.0	0.0	0.0
SNOWBIRD	83	PLOT	16	JUN	75	2103	167.8771	199	8.2	-7.3	76.35714	-151.66995	6.4	17.9	0.3	0.8
SNOWBIRD	84	PLOT	17	JUN	75	543	168.2382	198	9.5	-13.3	76.38151	-151.78362	1.0	1.8	0.0	0.1
SNOWBIRD	85	PLOT	17	JUN	75	2043	168.8632	198	0.4	-9.3	76.41070	-152.03407	0.3	0.5	0.1	0.1
SNOWBIRD	86	PLOT	18	JUN	75	544	169.2389	199	-6.6	-10.0	76.40038	-152.13594	1.1	2.1	0.0	0.1
SNOWBIRD	87	PLOT	18	JUN	75	2043	169.8632	199	-8.2	-4.8	76.36021	-152.24803	1.0	1.9	0.0	0.1
SNOWBIRD	88	PLOT	19	JUN	75	605	170.2535	198	-3.7	-2.9	76.34134	-152.27754	0.0	0.0	0.0	0.1
SNOWBIRD	89	PLOT	19	JUN	75	2043	170.8632	199	5.4	-7.4	76.34511	-152.35667	0.0	0.0	0.0	0.0
SNOWBIRD	90		20	JUN	75	606	171.2542		-0.3	-4.7	76.35799	-152.42618	0.5	0.8	0.1	0.1
SNOWBIRD	91	PLOT	20	JUN	75	2106	171.8792	199	3.9	-2.7	76.37624	-152.49852	0.6	1.1	0.0	0.1
SNOWBIRD	92	PLOT	21	JUN	75	543	172.2382	199	6.5	-2.4	76.39673	-152.52507	0.5	0.8	0.0	0.1
SNOWBIRD	93	PLOT	21	JUN	75	2021	172.8479	197	14.3	-9.1	76.44036	-152.61154	1.0	1.9	0.0	0.1
SNOWBIRD	94	PLOT	22	JUN	75	543	173.2382	199	8.5	-1.6	76.47644	-152.67534	0.9	1.7	0.1	0.1
SNOWBIRD	95	PLOT	22	JUN	75	2106	173.8792	199	5.1	0.4	76.49822	-152.62088	0.2	0.3	0.0	0.0
SNOWBIRD	96	PLOT	23	JUN	75	606	174.2542	199	2.8	-2.0	76.51550	-152.63480	0.8	1.4	0.0	0.1
SNOWBIRD	97	PLOT	23	JUN	75	2043	174.8632	199	-0.7	-9.0	76.52956	-152.81401	0.8	1.4	0.0	0.1
SNOWBIRD	98		24	JUN	75	606	175.2542		-0.3	-2.4	76.53008	-152.88977	384.8	406.1	1.5	2.1
SNOWBIRD	99	PLOT	24	JUN	75	2131	175.8965	199	-1.0	0.3	76.52612	-152.89334	394.4	587.5	1.6	2.3
SNOWBIRD	100	PLOT	25	JUN	75	610	176.2569	199	-2.4	4.0	76.52351	-152.88374	0.8	1.4	0.1	0.1
SNOWBIRD	101	PLOT	25	JUN	75	2051	176.8687	198	1.6	10.6	76.52204	-152.76274	0.0	0.0	0.0	0.0
SNOWBIRD	102	PLOT	26	JUN	75	544	177.2389	198	-0.7	7.8	76.52706	-152.64014	0.2	0.3	0.0	0.1
SNOWBIRD	103	PLOT	26	JUN	75	2043	177.8632	200	5.4	-1.8	76.53569	-152.62416	0.0	0.0	0.0	0.1
SNOWBIRD	104	PLOT	27	JUN	75	544	178.2389	198	10.7	-4.3	76.55714	-152.69838	0.1	0.1	0.0	0.1
SNOWBIRD	105	PLOT	27	JUN	75	2143	178.9049	199	1.4	8.7	76.57988	-152.58224	0.7	1.2	0.0	0.1
SNOWBIRD	106	PLOT	28	JUN	75	606	179.2542	198	9.7	1.8	76.59435	-152.56558	1.1	2.2	0.0	0.1
SNOWBIRD	107	PLOT	28	JUN	75	2104	179.8778	197	-2.1	15.8	76.59338	-152.39490	1.1	2.0	0.0	0.1
SNOWBIRD	108		29	JUN	75	545	180.2396		-1.5	-0.6	76.57191	-152.26086	1.1	2.2	0.0	0.1
SNOWBIRD	109	PLOT	29	JUN	75	2051	180.8687	196	14.7	10.2	76.60586	-152.11746	0.6	1.1	0.0	0.1
SNOWBIRD	110	PLOT	30	JUN	75	543	181.2382	197	6.0	-5.8	76.62644	-152.02858	0.0	0.0	0.0	0.0
SNOWBIRD	111	PLOT	30	JUN	75	2053	181.8701	198	6.4	10.5	76.67435	-152.06534	0.2	0.3	0.0	0.1
SNOWBIRD	112	PLOT	1	JUL	75	543	182.2382	196	-4.4	5.5	76.67303	-151.95876	2.1	3.3	0.1	0.2
SNOWBIRD	113	PLOT	1	JUL	75	2053	182.8701	199	-5.1	3.5	76.66036	-151.83215	2.2	3.6	0.0	0.2
SNOWBIRD	114	PLOT	2	JUL	75	543	183.2382	198	-2.0	4.1	76.66106	-151.80290	0.0	0.0	0.1	0.1
SNOWBIRD	115	PLOT	2	JUL	75	2103	183.8771	191	4.6	11.6	76.66544	-151.75589	0.0	0.1	0.1	0.1
SNOWBIRD	116	PLOT	3	JUL	75	544	184.2389	196	5.7	18.1	76.67621	-151.59967	18.5	37.4	0.4	0.9
SNOWBIRD	117	PLOT	3	JUL	75	2104	184.8778	192	0.5	18.1	76.69528	-151.23880	0.0	0.1	0.1	0.1
SNOWBIRD	118	PLOT	4	JUL	75	543	185.2382	196	-8.9	11.8	76.69209	-151.10588	2.3	3.7	0.1	0.2
SNOWBIRD	119	PLOT	5	JUL	75	544	186.2389	197	-9.8	12.1	76.62598	-150.77403	1.8	3.0	0.1	0.2
SNOWBIRD	120	PLOT	5	JUL	75	2053	186.8701	183	-17.1	14.8	76.55331	-150.55028	0.8	1.6	0.1	0.2
SNOWBIRD	121	PLOT	6	JUL	75	543	187.2382	180	-17.9	14.7	76.52042	-150.32410	0.7	1.4	0.1	0.2
SNOWBIRD	122	PLOT	7	JUL	75	215	188.0938	176	9.3	11.6	76.54137	-150.17041	585.1	582.1	2.7	3.2
SNOWBIRD	123	PLOT	8	JUL	75	543	189.2382	198	-11.7	4.2	76.50726	-149.61485	1.0	1.8	0.1	0.2
SNOWBIRD	124		8	JUL	75	2110	189.8819		1.9	1.2	76.50703	-149.60062	1.9	3.1	0.1	0.2
SNOWBIRD	125	PLOT	9	JUL	75	543	190.2382	199	3.5	3.6	76.51830	-149.51871	1.4	2.4	0.1	0.2
SNOWBIRD	126	PLOT	9	JUL	75	2043	190.8632	199	0.2	13.0	76.57198	-149.37892	1.7	2.9	0.1	0.2
SNOWBIRD	127	PLOT	10	JUL	75	543	191.2382	180	-19.6	20.5	76.54047	-149.07196	0.3	0.7	0.1	0.2
SNOWBIRD	128	PLOT	11	JUL	75	543	192.2382	198	-9.6	4.6	76.49070	-148.75616	0.1	0.1	0.0	0.0
SNOWBIRD	129	PLOT	11	JUL	75	2058	192.8736	199	3.9	-1.0	76.48772	-148.72343	2.1	3.4	0.0	0.2
SNOWBIRD	130	PLOT	12	JUL	75	605	193.2535	198	3.9	-0.3	76.50520	-148.69717	2.1	3.5	0.0	0.2
SNOWBIRD	131	PLOT	13	JUL	75	544	194.2389	199	1.7	-2.1	76.54938	-148.79724	0.0	0.2	0.1	0.2
SNOWBIRD	132		14	JUL	75	544	195.2389		-0.9	0.4	76.57283	-148.83971	1.5	2.6	0.1	0.2
SNOWBIRD	133	PLOT	15	JUL	75	547	196.2410	199	-4.8	-4.1	76.56021	-148.87509	1.9	3.1	0.0	0.2
SNOWBIRD	134		15	JUL	75	2244	196.9472		-2.6	-0.5	76.54612	-148.94705	1.6	2.8	0.1	0.2
SNOWBIRD	135	PLOT	16	JUL	75	521	197.2229	190	-11.4	0.5	76.53159	-148.92924	2.2	3.6	0.1	0.2
SNOWBIRD	136		16	JUL	75	2245	197.9479		-7.5	4.4	76.46704	-148.86874	2.3	3.8	0.1	0.2
SNOWBIRD	137	PLOT	17	JUL	75	543	198.2382	198	-5.2	1.3	76.45127	-148.83290	20.0	41.0	0.3	0.7
SNOWBIRD	138		17	JUL	75	2244	198.9472		-1.2	5.2	76.45217	-148.74203	1.6	2.6	0.1	0.2
SNOWBIRD	139	PLOT	18	JUL	75	544	199.2389	198	-6.6	0.1	76.42274	-148.70934	0.2	0.5	0.1	0.2
SNOWBIRD	140	PLOT	18	JUL	75	2244	199.9472	198	-9.4	-1.8	76.37397	-148.71083	1.1	2.0	0.1	0.2

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG ERR	NV. ERR	EV. ERR
SNOWBIRD	141	PLOT	19	JUL	75	606	200.2542	198	-11.2	-7.2	76.34661	-148.73254	2.4	3.9	0.0	0.2
SNOWBIRD	142		19	JUL	75	2306	200.9625		-2.3	1.3	76.30855	-148.78439	571.0	563.5	2.8	3.2
SNOWBIRD	143		20	JUL	75	544	201.2389		-7.1	-3.2	76.29960	-148.78925	1.6	2.7	0.1	0.2
SNOWBIRD	144		20	JUL	75	2244	201.9472		-20.0	-8.8	76.22810	-148.75888	0.0	0.0	1.9	2.6
SNOWBIRD	145	TSER	30	JUL	75	224	211.1000		-9.7	-15.4	75.65851	-149.00510	15.4	30.8	0.5	1.1
SNOWBIRD	146	PLOT	30	JUL	75	543	211.2382	195	-11.7	-3.5	75.64763	-149.04982	270.7	360.0	4.2	4.1
SNOWBIRD	147	PLOT	31	JUL	75	656	212.2889	189	-10.8	12.2	75.54058	-148.70815	2.3	3.8	0.0	0.2
SNOWBIRD	148		31	JUL	75	2305	212.9618		-9.4	13.2	75.48943	-148.46880	2.2	3.6	0.0	0.2
SNOWBIRD	149		1	AUG	75	543	213.2382		-9.4	7.8	75.46946	-148.38507	0.0	0.0	1.7	2.5
SNOWBIRD	150	TSER	2	AUG	75	632	214.2722		-1.8	3.7	75.40931	-148.20802	0.0	2.6	5.4	3.2
SNOWBIRD	151		3	AUG	75	546	215.2403		-2.0	4.6	75.37734	-148.07855	755.1	796.9	5.7	6.6
SNOWBIRD	152	PLOT	3	AUG	75	2243	215.9465	197	0.4	9.7	75.36723	-147.91023	0.7	1.5	0.1	0.2
SNOWBIRD	153	PLOT	4	AUG	75	520	216.2222	197	2.0	7.4	75.37106	-147.83127	108.8	133.3	1.1	1.7
SNOWBIRD	154	PLOT	4	AUG	75	2244	216.9472	193	15.4	23.5	75.41719	-147.53877	2.4	3.9	0.1	0.2
SNOWBIRD	155	PLOT	5	AUG	75	543	217.2382	197	0.0	18.3	75.43652	-147.32690	1.0	1.7	0.1	0.2
SNOWBIRD	156	TSER	5	AUG	75	632	217.2722		-0.9	13.4	75.43638	-147.30989	2.4	3.8	0.0	0.2
SNOWBIRD	157		5	AUG	75	2244	217.9472		-4.2	1.4	75.39980	-147.18759	0.4	0.9	0.1	0.2
SNOWBIRD	158		6	AUG	75	601	218.2507		-12.2	3.8	75.38767	-147.12575	0.0	0.0	0.0	0.0
SNOWBIRD	159	PLOT	6	AUG	75	2243	218.9465	197	-3.5	0.1	75.35826	-147.03966	0.0	0.0	0.1	0.1
SNOWBIRD	160		7	AUG	75	543	219.2382		-6.4	4.3	75.35397	-147.00822	0.3	0.6	0.1	0.2
SNOWBIRD	161		7	AUG	75	2244	219.9472		3.6	2.8	75.34261	-146.96861	2.1	3.4	0.0	0.2
SNOWBIRD	162	PLOT	8	AUG	75	521	220.2229	197	0.6	8.4	75.35123	-146.90346	16.1	32.2	0.5	1.0
SNOWBIRD	163	PLOT	8	AUG	75	2247	220.9493	169	2.4	33.9	75.36649	-146.60573	0.0	0.1	0.1	0.2
SNOWBIRD	164	TSER	8	AUG	75	2328	220.9778		-5.6	36.7	75.36612	-146.57454	7.8	15.6	0.5	1.0
SNOWBIRD	165	PLOT	9	AUG	75	543	221.2382	193	-24.2	2.9	75.31904	-146.38600	1.3	2.3	0.1	0.2
SNOWBIRD	166	TSER	9	AUG	75	630	221.2708		-18.2	1.6	75.31363	-146.38400	2.4	3.8	0.0	0.2
SNOWBIRD	167	TSER	9	AUG	75	730	221.3125		-9.1	4.6	75.30918	-146.38034	2.4	3.9	0.0	0.2
SNOWBIRD	168	PLOT	9	AUG	75	2243	221.9465	198	-9.0	1.4	75.26373	-146.04706	0.0	0.0	0.0	0.1
SNOWBIRD	169	PLOT	10	AUG	75	210	222.0903	100	-32.2	18.3	75.24038	-145.99640	0.0	0.1	0.1	0.1
SNOWBIRD	170	PLOT	10	AUG	75	544	222.2389	157	-37.6	2.2	75.19682	-145.93593	0.4	1.0	0.1	0.2
SNOWBIRD	171	PLOT	10	AUG	75	1411	222.5910	100	-8.1	14.9	75.15651	-145.91402	0.4	0.7	0.1	0.2
SNOWBIRD	172	PLOT	10	AUG	75	2244	222.9472	197	-6.0	-2.6	75.10547	-145.85443	2.4	3.8	0.1	0.2
SNOWBIRD	173	PLOT	11	AUG	75	211	223.0910	100	-7.0	12.9	75.10065	-145.83383	0.0	0.0	0.0	0.0
SNOWBIRD	174	PLOT	11	AUG	75	544	223.2389	172	-23.6	9.5	75.08202	-145.77254	15.8	32.1	0.4	0.8
SNOWBIRD	175	PLOT	11	AUG	75	1409	223.5896	100	-4.0	16.4	75.04594	-145.71544	0.0	0.0	0.0	0.0
SNOWBIRD	176	PLOT	11	AUG	75	2244	223.9472	196	-4.0	6.5	75.00758	-145.56383	2.3	3.7	0.0	0.2
SNOWBIRD	177	PLOT	12	AUG	75	211	224.0910	100	1.9	18.0	75.00941	-145.51575	2.4	3.9	0.1	0.2
SNOWBIRD	178	PLOT	12	AUG	75	543	224.2382	186	-9.9	22.0	75.00416	-145.42032	2.1	3.3	0.1	0.2
SNOWBIRD	179	PLOT	12	AUG	75	640	224.2778	100	-13.5	19.6	75.00054	-145.39558	1.6	2.6	0.1	0.2
SNOWBIRD	180		12	AUG	75	2244	224.9472		-1.6	6.0	74.98072	-145.13258	0.0	0.1	0.1	0.1
SNOWBIRD	181	PLOT	12	AUG	75	2340	224.9861	100	1.3	3.5	74.98061	-145.12717	1.8	3.0	0.1	0.2
SNOWBIRD	182	PLOT	13	AUG	75	544	225.2389	193	16.0	10.8	75.00574	-145.07159	0.1	0.2	0.0	0.1
SNOWBIRD	183	PLOT	13	AUG	75	1412	225.5917	100	11.2	35.4	75.06680	-144.95778	0.0	0.1	0.1	0.1
SNOWBIRD	184	PLOT	13	AUG	75	2313	225.9674	196	1.2	17.9	75.05438	-144.75305	2.4	3.9	0.0	0.2
SNOWBIRD	185	PLOT	14	AUG	75	543	226.2382	180	-24.8	11.7	75.02979	-144.52560	2.3	3.8	0.1	0.2
SNOWBIRD	186	PLOT	14	AUG	75	640	226.2778	100	-21.0	6.3	75.02264	-144.51555	0.2	0.7	0.1	0.2
SNOWBIRD	187		15	AUG	75	544	227.2389		-1.9	3.6	75.00150	-144.24049	2.0	3.2	0.0	0.2
SNOWBIRD	188	TSER	15	AUG	75	630	227.2708		-1.1	-2.0	75.00108	-144.23988	2.2	3.6	0.0	0.2
SNOWBIRD	189	PLOT	15	AUG	75	2243	227.9465	196	11.5	0.4	75.04807	-144.22920	2.3	3.7	0.1	0.2
SNOWBIRD	190	TSER	15	AUG	75	2350	227.9931		13.0	4.5	75.05257	-144.22591	0.4	0.9	0.1	0.2
SNOWBIRD	191	PLOT	16	AUG	75	2243	228.9465	192	-17.4	-5.7	75.04496	-144.09831	0.7	1.5	0.1	0.2
SNOWBIRD	192	PLOT	16	AUG	75	2342	228.9875	100	-16.4	-7.1	75.03958	-144.10655	0.2	0.7	0.1	0.2
SNOWBIRD	193	PLOT	17	AUG	75	543	229.2382	196	-5.3	1.5	75.01940	-144.14406	1.8	2.9	0.1	0.2
SNOWBIRD	194	TSER	17	AUG	75	650	229.2847		-6.0	1.0	75.01740	-144.14217	2.3	3.8	0.1	0.2
SNOWBIRD	195		17	AUG	75	2243	229.9465		-1.4	1.0	75.00172	-144.16145	0.1	0.2	0.0	0.1
SNOWBIRD	196		18	AUG	75	543	230.2382		1.9	0.5	75.00030	-144.16432	0.7	1.3	0.1	0.2
SNOWBIRD	197	PLOT	19	AUG	75	520	231.2222	197	3.4	-6.5	75.00134	-144.30676	1.7	2.9	0.1	0.2
SNOWBIRD	198	PLOT	19	AUG	75	2244	231.9472	196	3.3	-9.7	75.01778	-144.44174	0.0	0.0	0.1	0.1
SNOWBIRD	199	PLOT	20	AUG	75	544	232.2389	195	10.3	-12.8	75.03320	-144.56953	1.8	2.9	0.1	0.2
SNOWBIRD	200		20	AUG	75	2243	232.9465		0.7	-8.5	75.05391	-144.82394	21.3	43.8	0.3	0.6
SNOWBIRD	201		21	AUG	75	543	233.2382		2.7	-6.6	75.05715	-144.90138	0.0	0.1	0.1	0.1
SNOWBIRD	202		21	AUG	75	2243	233.9465		-2.2	0.6	75.05331	-144.92931	1.8	2.9	0.1	0.2
SNOWBIRD	203		22	AUG	75	543	234.2382		-2.7	4.1	75.04646	-144.91589	0.5	1.1	0.1	0.2
SNOWBIRD	204	PLOT	22	AUG	75	2243	234.9465	197	-7.5	11.0	75.01604	-144.79965	0.0	0.0	0.0	0.0
SNOWBIRD	205	PLOT	23	AUG	75	543	235.2382	197	-9.0	1.5	74.98992	-144.74916	16.9	19.5	1.3	1.5
SNOWBIRD	206	PLOT	23	AUG	75	2244	235.9472	187	-2.2	1.3	74.95450	-144.69441	0.0	0.1	0.1	0.1
SNOWBIRD	207	PLOT	23	AUG	75	2339	235.9854	100	-1.7	1.0	74.95391	-144.69324	0.1	0.2	0.0	0.0
SNOWBIRD	208	PLOT	24	AUG	75	543	236.2382	187	-0.5	1.3	74.94810	-144.66940	22.6	46.1	0.3	0.7
SNOWBIRD	209	PLOT	24	AUG	75	1409	236.5896	100	-0.3	10.6	74.95021	-144.61731	2.4	3.8	0.1	0.2
SNOWBIRD	210	PLOT	24	AUG	75	2244	236.9472	196	7.2	22.9	74.96196	-144.46025	0.0	0.0	0.1	0.1

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG. ERR	NV. ERR	EV. ERR
SNOWBIRD	211	PLOT	25	AUG	75	606	237.2542	197	-3.6	3.5	74.95527	-144.31003	2.2	3.5	0.0	0.2
SNOWBIRD	212	PLOT	25	AUG	75	2243	237.9465	198	8.4	5.8	74.96113	-144.12065	14.1	28.6	0.4	0.9
SNOWBIRD	213	PLOT	26	AUG	75	544	238.2309	196	14.4	7.3	74.98383	-144.07791	1.5	2.6	0.1	0.2
SNOWBIRD	214	PLOT	26	AUG	75	2243	238.9465	197	-2.2	8.9	75.04236	-144.02974	0.9	1.7	0.1	0.2
SNOWBIRD	215	PLOT	27	AUG	75	543	239.2382	189	-14.5	17.5	75.03050	-143.94098	23.7	48.7	0.3	0.6
SNOWBIRD	216	PLOT	27	AUG	75	2244	239.9472	170	-21.5	22.8	74.92527	-143.64093	1.2	2.1	0.1	0.2
SNOWBIRD	217	PLOT	28	AUG	75	544	240.2309	188	-6.2	23.1	74.89394	-143.48814	0.1	0.4	0.1	0.2
SNOWBIRD	218	PLOT	28	AUG	75	2243	240.9465	197	6.1	6.8	74.83732	-143.15015	20.5	23.3	1.3	1.6
SNOWBIRD	219	PLOT	29	AUG	75	543	241.2382	197	-2.5	8.7	74.84946	-143.13925	371.2	350.8	4.0	4.1
SNOWBIRD	220	PLOT	29	AUG	75	2244	241.9472	176	-24.6	22.0	74.78928	-143.03011	3.4	5.1	0.5	1.0
SNOWBIRD	221	PLOT	30	AUG	75	543	242.2382	189	5.0	-7.4	74.74139	-143.06358	0.1	0.2	0.0	0.1
SNOWBIRD	222	PLOT	31	AUG	75	2243	243.9465	161	-4.1	31.0	74.63171	-142.92465	1.0	0.0	0.4	0.6
SNOWBIRD	223	PLOT	32	AUG	75	216	244.0945	100	-31.6	16.3	74.61098	-142.80565	2.1	3.5	0.1	0.2
SNOWBIRD	224	PLOT	1	SEP	75	543	244.2382	194	-17.1	-5.6	74.58105	-142.79683	114.5	140.9	1.0	1.7
SNOWBIRD	225	PLOT	1	SEP	75	645	244.2813	100	-10.0	-2.3	74.57650	-142.80237	59.2	68.0	1.5	2.0
SNOWBIRD	226	PLOT	1	SEP	75	2243	244.9465	196	-6.9	4.3	74.51575	-142.60831	266.9	289.8	4.5	5.0
SNOWBIRD	227	PLOT	2	SEP	75	210	245.0903	96	-19.9	7.9	74.50072	-142.56581	1.9	3.2	0.1	0.2
SNOWBIRD	228	PLOT	2	SEP	75	543	245.2382	188	-14.6	-14.7	74.47844	-142.57817	2.0	3.3	0.0	0.2
SNOWBIRD	229	PLOT	2	SEP	75	640	245.2778	100	-9.0	-13.5	74.47478	-142.59567	0.0	0.0	0.0	0.0
SNOWBIRD	230		2	SEP	75	2243	245.9465		6.5	1.0	74.45953	-142.63213	1.8	2.9	0.1	0.2
SNOWBIRD	231	TSER	3	SEP	75	15	246.0104		1.2	6.5	74.46156	-142.62483	34.4	39.0	1.5	1.8
SNOWBIRD	232	PLOT	3	SEP	75	543	246.2382	196	-6.5	-7.4	74.45217	-142.60011	0.8	1.5	0.1	0.2
SNOWBIRD	233	TSER	3	SEP	75	650	246.2847		-0.7	-11.6	74.45080	-142.61319	0.2	0.5	0.1	0.2
SNOWBIRD	234	PLOT	3	SEP	75	2318	246.9708	193	13.6	-1.4	74.47669	-142.69305	110.3	135.3	1.0	1.7
SNOWBIRD	235	PLOT	4	SEP	75	542	247.2375	196	-9.6	2.3	74.48026	-142.64394	0.0	0.4	0.1	0.2
SNOWBIRD	236	PLOT	4	SEP	75	1412	247.5917	100	2.4	5.1	74.40183	-142.67632	1.9	3.2	0.0	0.2
SNOWBIRD	237	PLOT	4	SEP	75	2243	247.9465	196	-5.4	-0.8	74.45891	-142.69618	1.2	2.1	0.1	0.2
SNOWBIRD	238	PLOT	5	SEP	75	211	248.0910	99	-3.3	-2.1	74.45627	-142.68407	21.2	43.1	0.4	0.8
SNOWBIRD	239	PLOT	5	SEP	75	543	248.2382	188	-19.1	8.7	74.44234	-142.66103	0.7	1.3	0.1	0.2
SNOWBIRD	240	PLOT	5	SEP	75	2243	248.9465	194	1.2	-18.8	74.38824	-142.79567	1.5	2.5	0.1	0.2
SNOWBIRD	241	PLOT	6	SEP	75	544	249.2309	196	-5.4	-5.3	74.39535	-142.86116	0.1	0.1	0.0	0.0
SNOWBIRD	242	TSER	6	SEP	75	630	249.2708		-7.8	-3.4	74.39370	-142.86501	0.6	1.2	0.1	0.2
SNOWBIRD	243	PLOT	6	SEP	75	2243	249.9465	184	-3.9	-17.9	74.36800	-143.05710	2.4	3.9	0.0	0.2
SNOWBIRD	244		7	SEP	75	543	250.2382		-2.1	1.7	74.37751	-143.13280	1.8	3.0	0.0	0.2
SNOWBIRD	245	PLOT	7	SEP	75	2243	250.9465	197	-6.6	6.6	74.34231	-143.07175	10.3	20.7	0.5	1.0
SNOWBIRD	246	PLOT	8	SEP	75	544	251.2309	195	-2.4	20.9	74.33758	-142.97725	1.4	2.4	0.1	0.2
SNOWBIRD	247	PLOT	8	SEP	75	2244	251.9472	194	-3.7	19.6	74.34420	-142.60483	0.0	0.0	0.0	0.1
SNOWBIRD	248	PLOT	9	SEP	75	544	252.2309	186	3.5	23.3	74.35001	-142.47314	0.7	1.4	0.1	0.2
SNOWBIRD	249	TSER	9	SEP	75	630	252.2708		2.2	25.5	74.35075	-142.45039	2.2	3.6	0.0	0.2
SNOWBIRD	250	PLOT	9	SEP	75	2243	252.9465	196	-6.7	19.3	74.33683	-142.08246	0.6	1.2	0.1	0.2
SNOWBIRD	251	PLOT	10	SEP	75	543	253.2382	197	-5.0	12.0	74.32544	-141.97389	310.1	406.2	4.4	4.3
SNOWBIRD	252	PLOT	10	SEP	75	2253	253.9535	196	3.1	12.9	74.30575	-141.72725	330.4	430.3	4.4	4.3
SNOWBIRD	253	PLOT	11	SEP	75	543	254.2382	196	7.6	9.1	74.32141	-141.62848	21.1	42.8	0.4	0.8
SNOWBIRD	254	PLOT	11	SEP	75	2244	254.9472	194	-6.2	15.5	74.32767	-141.33127	0.0	0.3	0.1	0.2
SNOWBIRD	255		12	SEP	75	543	255.2382		3.5	4.5	74.32006	-141.24196	1.2	2.1	0.1	0.2
SNOWBIRD	256	PLOT	12	SEP	75	2244	255.9472	183	-1.8	23.7	74.35027	-140.87794	0.2	0.5	0.1	0.2
SNOWBIRD	257	PLOT	13	SEP	75	544	256.2389	199	-9.0	6.7	74.33257	-140.75862	0.1	0.1	0.0	0.1
SNOWBIRD	258		13	SEP	75	2244	256.9472		2.0	1.3	74.31057	-140.70950	2.4	3.9	0.0	0.2
SNOWBIRD	259	PLOT	14	SEP	75	606	257.2542	198	0.4	14.1	74.31349	-140.66699	0.9	1.6	0.1	0.2
SNOWBIRD	260	PLOT	14	SEP	75	2220	257.9305	197	-4.3	-2.6	74.27946	-140.63898	2.2	3.6	0.0	0.2
SNOWBIRD	261	PLOT	15	SEP	75	543	258.2382	192	-2.6	-7.8	74.26799	-140.69499	147.2	168.0	4.2	4.7
SNOWBIRD	262	PLOT	15	SEP	75	2221	258.9312	196	11.5	-5.3	74.27721	-140.87581	2.2	3.6	0.1	0.2
SNOWBIRD	263	PLOT	16	SEP	75	543	259.2382	197	5.0	-8.2	74.29259	-140.91493	0.5	1.0	0.1	0.2
SNOWBIRD	264	PLOT	16	SEP	75	2221	259.9312	197	6.7	-1.9	74.31841	-140.96451	2.1	3.4	0.0	0.2
SNOWBIRD	265	PLOT	17	SEP	75	605	260.2535	196	5.3	-3.2	74.32944	-140.97536	2.1	3.4	0.0	0.2
SNOWBIRD	266	PLOT	17	SEP	75	2243	260.9465	168	18.9	10.7	74.40451	-141.01251	0.3	0.7	0.1	0.2
SNOWBIRD	267	PLOT	18	SEP	75	543	261.2382	197	-7.6	7.5	74.40952	-140.88213	0.5	1.1	0.1	0.2
SNOWBIRD	268	PLOT	18	SEP	75	2248	261.9500	197	-9.5	-3.2	74.37581	-140.84564	0.5	1.0	0.1	0.2
SNOWBIRD	269	PLOT	19	SEP	75	544	262.2389	196	-10.5	-7.4	74.35559	-140.89650	1.8	3.0	0.1	0.2
SNOWBIRD	270	PLOT	19	SEP	75	2244	262.9472	197	-9.3	-12.6	74.32371	-141.07764	2.2	3.6	0.1	0.2
SNOWBIRD	271	PLOT	20	SEP	75	543	263.2382	198	-6.3	0.2	74.31277	-141.12590	0.3	0.8	0.1	0.2
SNOWBIRD	272	PLOT	20	SEP	75	2243	263.9465	195	13.4	12.1	74.29846	-140.97089	0.1	0.2	0.0	0.1
SNOWBIRD	273	PLOT	21	SEP	75	543	264.2382	162	14.0	26.5	74.33458	-140.79832	0.1	0.2	0.0	0.1
SNOWBIRD	274	PLOT	21	SEP	75	2243	264.9465	165	-31.6	18.0	74.30564	-140.29054	2.4	3.8	0.0	0.2
SNOWBIRD	275	PLOT	22	SEP	75	520	265.2222	194	20.2	-2.7	74.20581	-140.37578	0.1	0.3	0.1	0.1
SNOWBIRD	276	PLOT	22	SEP	75	2244	265.9472	195	-19.5	0.5	74.20384	-140.44182	0.6	1.3	0.1	0.2
SNOWBIRD	277	PLOT	23	SEP	75	543	266.2382	193	11.3	-18.2	74.26285	-140.63954	1.5	2.5	0.1	0.2
SNOWBIRD	278	PLOT	23	SEP	75	2313	266.9673	194	-20.4	15.5	74.22715	-140.66083	20.4	41.3	0.4	0.8
SNOWBIRD	279		24	SEP	75	543	267.2382		-4.0	2.6	74.19167	-140.66415	0.2	0.2	0.0	0.0
SNOWBIRD	280	PLOT	24	SEP	75	2306	267.9625	193	-16.7	18.4	74.13106	-140.32324	2.3	3.8	0.0	0.2

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG ERR	NV. ERR	EV. ERR
SNOWBIRD	281	PLOT	25	SEP	75	543	268.2382	198	-15.4	6.1	74.09589	-140.23427	0.1	0.1	0.0	0.1
SNOWBIRD	282	PLOT	25	SEP	75	2243	268.9465	190	-10.1	-5.5	74.03694	-140.30096	1.1	2.0	0.1	0.2
SNOWBIRD	283		27	SEP	75	542	270.2375		-2.5	-2.1	73.98910	-140.32408	0.6	1.3	0.1	0.2
SNOWBIRD	284		27	SEP	75	2246	270.9486		0.9	2.0	73.98380	-140.28436	0.2	0.2	0.0	0.0
SNOWBIRD	285		28	SEP	75	542	271.2375		-1.8	-0.8	73.97939	-140.27977	0.2	0.5	0.1	0.2
SNOWBIRD	286	PLOT	28	SEP	75	2342	271.9875	198	-1.9	0.2	73.96964	-140.26990	111.4	136.8	1.0	1.7
SNOWBIRD	287		29	SEP	75	542	272.2375		-2.7	0.4	73.96757	-140.27074	0.5	1.0	0.1	0.2
SNOWBIRD	288		29	SEP	75	2242	272.9458		2.8	-4.3	73.97112	-140.29295	2.4	3.9	0.1	0.2
SNOWBIRD	289		30	SEP	75	542	273.2375		0.1	-6.4	73.97268	-140.32298	2.4	3.9	0.0	0.2
SNOWBIRD	290		30	SEP	75	2245	273.9479		2.3	-9.2	73.98086	-140.54408	0.8	1.5	0.1	0.2
SNOWBIRD	291	PLOT	1	OCT	75	605	274.2535	198	2.6	-15.8	73.98537	-140.65538	0.6	1.1	0.1	0.1
SNOWBIRD	292	PLOT	1	OCT	75	2246	274.9486	194	4.3	-21.8	74.00924	-141.03429	1.1	2.2	0.0	0.1
SNOWBIRD	293		2	OCT	75	545	275.2396		4.6	-0.7	74.02544	-141.13486	0.2	0.1	0.0	0.1
SNOWBIRD	294	PLOT	3	OCT	75	521	276.2229	198	10.0	-9.9	74.10268	-141.44044	0.0	0.0	0.0	0.0
SNOWBIRD	295	PLOT	3	OCT	75	2305	276.9618	177	9.2	-8.9	74.16277	-141.58502	0.2	0.2	0.0	0.1
SNOWBIRD	296	PLOT	4	OCT	75	543	277.2382	198	12.5	-7.7	74.18390	-141.63762	0.9	1.8	0.0	0.1
SNOWBIRD	297		5	OCT	75	545	278.2396		3.1	-6.4	74.24871	-141.85829	1.1	2.2	0.0	0.1
SNOWBIRD	298	PLOT	5	OCT	75	2328	278.9778	200	0.5	-5.2	74.25394	-141.96736	0.8	1.3	0.0	0.1
SNOWBIRD	299		6	OCT	75	542	279.2375		4.9	0.0	74.25056	-141.99536	0.0	0.0	0.0	0.0
SNOWBIRD	300		7	OCT	75	156	280.0806		1.1	0.1	74.24291	-142.14282	0.0	0.0	0.0	0.0
SNOWBIRD	301	PLOT	7	OCT	75	2242	280.9458	200	-4.3	1.5	74.21526	-142.17969	1.1	2.2	0.0	0.1
SNOWBIRD	302		8	OCT	75	542	281.2375		-3.8	-0.1	74.20832	-142.18231	0.9	1.8	0.1	0.1
SNOWBIRD	303	PLOT	8	OCT	75	2242	281.9458	198	-6.2	0.6	74.18718	-142.18874	0.4	0.6	0.0	0.1
SNOWBIRD	304	PLOT	9	OCT	75	542	282.2375	198	-4.4	-0.6	74.17524	-142.18988	0.2	0.3	0.0	0.0
SNOWBIRD	305		10	OCT	75	543	283.2382		-4.2	2.1	74.14083	-142.18187	8.5	11.9	0.5	0.9
SNOWBIRD	306		11	OCT	75	542	284.2375		-3.6	2.0	74.11160	-142.14835	1.1	2.2	0.0	0.1
SNOWBIRD	307	PLOT	12	OCT	75	544	285.2309	198	1.8	15.1	74.11849	-141.81641	1.0	1.9	0.0	0.1
SNOWBIRD	308	PLOT	12	OCT	75	2242	285.9458	198	1.3	-3.3	74.11922	-141.65564	8.1	23.1	0.3	0.7
SNOWBIRD	309	PLOT	13	OCT	75	543	286.2382	200	1.4	-2.0	74.11183	-141.68433	0.4	0.7	0.0	0.1
SNOWBIRD	310	PLOT	13	OCT	75	2243	286.9465	198	-4.7	-2.4	74.08533	-141.76680	11.5	34.0	0.2	0.5
SNOWBIRD	311	PLOT	14	OCT	75	542	287.2375	198	-7.3	1.2	74.07821	-141.81570	1.0	2.0	0.0	0.1
SNOWBIRD	312	PLOT	14	OCT	75	2243	287.9465	200	3.6	-6.3	74.07243	-141.94881	0.1	0.0	0.0	0.1
SNOWBIRD	313	PLOT	15	OCT	75	542	288.2375	198	4.8	-7.9	74.07906	-142.02010	0.1	0.1	0.0	0.1
SNOWBIRD	314	PLOT	15	OCT	75	2243	288.9465	198	3.7	-12.0	74.10109	-142.29828	0.6	1.1	0.1	0.1
SNOWBIRD	315	PLOT	16	OCT	75	542	289.2375	198	-0.6	-11.1	74.10877	-142.40984	0.4	0.6	0.1	0.1
SNOWBIRD	316	PLOT	16	OCT	75	2242	289.9458	196	-4.0	-4.2	74.10130	-142.60921	0.5	0.8	0.1	0.1
SNOWBIRD	317	PLOT	17	OCT	75	542	290.2375	190	-11.0	-1.7	74.08389	-142.62471	0.0	0.0	0.0	0.1
SNOWBIRD	318	PLOT	18	OCT	75	543	291.2382	188	0.1	0.0	74.04209	-142.55972	12.2	18.6	0.5	1.1
SNOWBIRD	319	PLOT	18	OCT	75	2243	291.9465	176	2.0	-9.0	74.04610	-142.66109	0.1	0.0	0.0	0.1
SNOWBIRD	320	PLOT	19	OCT	75	543	292.2382	176	3.5	-10.6	74.05312	-142.74127	1.0	2.0	0.0	0.1
SNOWBIRD	321	PLOT	19	OCT	75	2242	292.9458	170	2.5	-10.2	74.06424	-142.97565	0.3	0.3	0.0	0.1
SNOWBIRD	322	PLOT	20	OCT	75	547	293.2410	200	1.3	-6.9	74.06974	-143.04756	1.1	2.2	0.0	0.1
SNOWBIRD	323	PLOT	20	OCT	75	2220	293.9305	198	1.0	1.1	74.07852	-143.12973	1.1	2.2	0.0	0.1
SNOWBIRD	324	PLOT	21	OCT	75	542	294.2375	200	0.3	-3.0	74.08102	-143.14799	0.0	0.5	0.0	0.0
SNOWBIRD	325		21	OCT	75	2245	294.9479		-1.8	-4.2	74.08315	-143.19279	0.8	1.5	0.1	0.1
SNOWBIRD	326		22	OCT	75	545	295.2396		-4.5	0.6	74.07818	-143.21432	0.3	0.4	0.0	0.1
SNOWBIRD	327		22	OCT	75	2245	295.9479		-1.5	3.9	74.05634	-143.15532	0.7	1.2	0.1	0.1
SNOWBIRD	328		23	OCT	75	545	296.2396		0.8	0.1	74.05610	-143.15051	0.7	1.2	0.1	0.1
SNOWBIRD	329		24	OCT	75	545	297.2396		15.9	-11.1	74.12781	-143.47433	0.0	0.0	0.0	0.0
SNOWBIRD	330	PLOT	24	OCT	75	2247	297.9493	200	6.3	4.8	74.17982	-143.58791	1.1	2.2	0.0	0.1
SNOWBIRD	331	PLOT	25	OCT	75	542	298.2375	198	3.0	9.2	74.18287	-143.54750	0.2	0.3	0.0	0.1
SNOWBIRD	332	PLOT	25	OCT	75	2244	298.9472	194	-13.0	8.8	74.15990	-143.38298	0.0	0.0	0.0	0.0
SNOWBIRD	333	PLOT	26	OCT	75	543	299.2382	196	-8.7	10.4	74.13329	-143.30803	0.0	0.0	0.0	0.1
SNOWBIRD	334	PLOT	27	OCT	75	543	300.2382	194	-6.0	8.1	74.05319	-142.97128	0.5	0.7	0.1	0.1
SNOWBIRD	335		27	OCT	75	2221	300.9312		-12.5	-0.4	74.01086	-142.88721	0.5	0.8	0.0	0.1
SNOWBIRD	336	PLOT	28	OCT	75	605	301.2535	194	-14.9	-7.2	73.97752	-142.91440	0.7	1.2	0.0	0.1
SNOWBIRD	337	PLOT	28	OCT	75	2242	301.9458	192	-20.5	-8.6	73.86826	-143.07408	0.4	0.6	0.1	0.1
SNOWBIRD	338	PLOT	29	OCT	75	543	302.2382	194	-22.4	-9.8	73.81865	-143.12454	0.2	0.2	0.0	0.1
SNOWBIRD	339	PLOT	29	OCT	75	2242	302.9458	196	-14.8	6.0	73.71883	-143.13608	0.7	1.3	0.0	0.1
SNOWBIRD	340	PLOT	30	OCT	75	542	303.2375	192	-19.9	0.0	73.67822	-143.10327	0.5	0.8	0.0	0.1
SNOWBIRD	341	PLOT	30	OCT	75	2242	303.9458	198	-13.0	-3.5	73.58355	-143.07639	0.1	0.0	0.0	0.1
SNOWBIRD	342	PLOT	31	OCT	75	542	304.2375	198	-13.6	0.7	73.55237	-143.08481	0.9	1.6	0.1	0.1
SNOWBIRD	343		31	OCT	75	2242	304.9458		-1.2	5.6	73.53917	-143.04591	0.4	0.5	0.0	0.1
SNOWBIRD	344		1	NOV	75	542	305.2375		-2.6	4.4	73.53465	-143.00858	41.2	83.9	0.5	1.1
SNOWBIRD	345		1	NOV	75	2242	305.9458		1.3	0.5	73.53368	-142.97192	0.4	0.6	0.1	0.1
SNOWBIRD	346		2	NOV	75	542	306.2375		0.8	-0.4	73.53436	-142.96208	0.2	0.3	0.0	0.1
SNOWBIRD	347		2	NOV	75	2143	306.9048		0.9	-1.6	73.53706	-142.96513	0.4	0.6	0.1	0.1
SNOWBIRD	348		3	NOV	75	552	307.2444		1.9	1.2	73.54008	-142.96912	0.5	0.9	0.0	0.1
SNOWBIRD	349		3	NOV	75	2242	307.9458		3.3	-1.6	73.55164	-143.00307	0.4	0.6	0.1	0.1
SNOWBIRD	350		4	NOV	75	542	308.2375		1.9	-1.6	73.55791	-143.00604	0.3	0.3	0.0	0.1

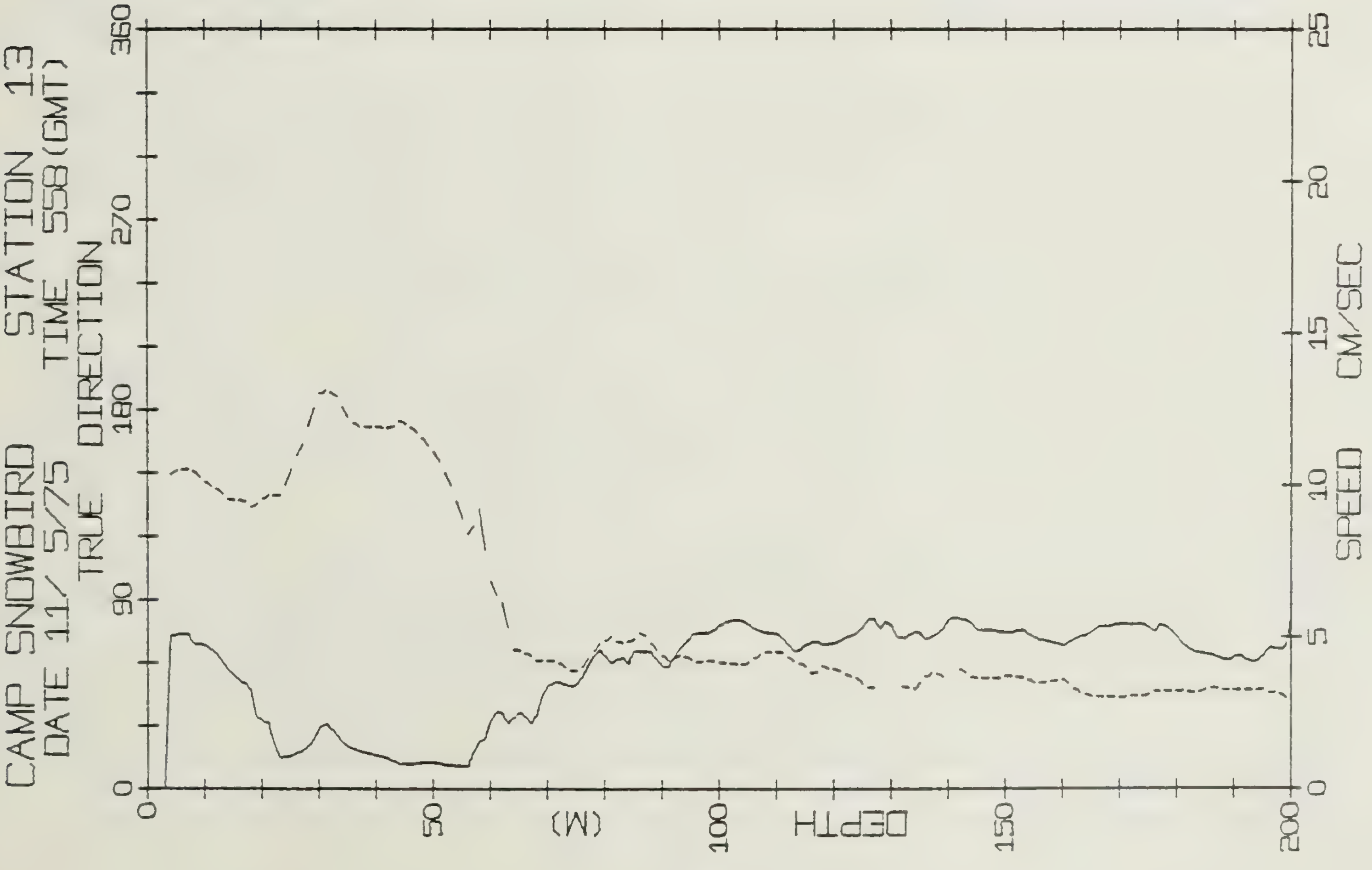
CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E. VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG. ERR	NV. ERR	EV. ERR
SNOWBIRD	351		4	NOV	75	2242	308.9458		5.2	-2.0	73.57994	-143.03835	0.5	0.9	0.1	0.1
SNOWBIRD	352	PLOT	5	NOV	75	542	309.2375	200	9.0	-0.1	73.59604	-143.04758	0.2	0.3	0.0	0.1
SNOWBIRD	353		5	NOV	75	2243	309.9465		1.8	5.9	73.61407	-143.00037	0.0	0.0	0.0	0.0
SNOWBIRD	354	PLOT	6	NOV	75	542	310.2375	200	4.8	6.4	73.61996	-142.95674	1.1	2.2	0.0	0.1
SNOWBIRD	355	PLOT	6	NOV	75	2220	310.9305	198	5.0	11.7	73.65948	-142.76128	0.7	1.2	0.0	0.1
SNOWBIRD	356	PLOT	7	NOV	75	547	311.2410	198	8.3	4.5	73.67317	-142.69411	1.0	2.0	0.0	0.1
SNOWBIRD	357	PLOT	8	NOV	75	550	312.2430	200	6.1	-1.0	73.70386	-142.66045	0.0	0.0	0.0	0.0
SNOWBIRD	358	PLOT	9	NOV	75	542	313.2375	198	-6.0	5.7	73.70338	-142.63271	0.3	0.3	0.0	0.1
SNOWBIRD	359	PLOT	10	NOV	75	542	314.2375	200	4.0	-0.8	73.71111	-142.54449	1.1	2.1	0.0	0.1
SNOWBIRD	360		11	NOV	75	544	315.2389		-0.8	0.4	73.71922	-142.54095	0.0	0.2	0.2	0.2
SNOWBIRD	361		11	NOV	75	2243	315.9465		-1.0	-0.1	73.71574	-142.53452	1.1	2.1	0.0	0.1
SNOWBIRD	362		12	NOV	75	542	316.2375		-1.1	-0.5	73.71426	-142.53195	0.9	2.1	0.2	0.5
SNOWBIRD	363		12	NOV	75	2041	316.8618		-3.3	-8.1	73.69814	-142.59857	0.9	1.6	0.1	0.1
SNOWBIRD	364	PLOT	13	NOV	75	726	317.3097	200	-6.1	-9.6	73.68262	-142.71629	0.8	1.4	0.0	0.1
SNOWBIRD	365	PLOT	14	NOV	75	710	318.2986	196	-16.0	-13.0	73.60265	-143.02649	1.0	1.9	0.0	0.1
SNOWBIRD	366		14	NOV	75	2321	318.9729		-10.0	-4.6	73.51599	-143.19925	0.0	0.0	0.0	0.0
SNOWBIRD	367		15	NOV	75	525	319.2257		-5.1	1.0	73.50687	-143.20088	6.2	18.9	0.2	0.7
SNOWBIRD	368		16	NOV	75	8	320.0056		-0.7	2.8	73.49841	-143.14697	0.4	0.5	0.0	0.1
SNOWBIRD	369		16	NOV	75	542	320.2375		1.0	0.9	73.49032	-143.14453	0.0	0.0	0.0	0.0
SNOWBIRD	370		16	NOV	75	2242	320.9458		-0.6	2.4	73.49760	-143.13744	0.6	1.1	0.1	0.1
SNOWBIRD	371		17	NOV	75	542	321.2375		0.1	1.4	73.49742	-143.13884	0.0	0.0	0.0	0.0
SNOWBIRD	372		17	NOV	75	2243	321.9465		0.7	-0.9	73.49778	-143.14175	2.3	6.8	0.3	0.7
SNOWBIRD	373		18	NOV	75	542	322.2375		-2.0	-0.9	73.49765	-143.14066	0.2	0.3	0.0	0.1
SNOWBIRD	374		18	NOV	75	2243	322.9465		0.3	0.4	73.49751	-143.14017	0.3	0.4	0.1	0.1
SNOWBIRD	375		19	NOV	75	542	323.2375		-0.2	-0.5	73.49712	-143.14027	0.6	1.0	0.1	0.1
SNOWBIRD	376	PLOT	19	NOV	75	2242	323.9458	200	5.5	-2.3	73.50311	-143.15933	0.3	0.4	0.0	0.1
SNOWBIRD	377	PLOT	20	NOV	75	542	324.2375	198	12.1	-10.4	73.52073	-143.20195	0.5	0.8	0.0	0.1
SNOWBIRD	378	PLOT	21	NOV	75	26	325.0181	190	18.1	-13.4	73.60408	-143.43744	0.7	1.2	0.1	0.1
SNOWBIRD	379	PLOT	21	NOV	75	725	325.3090	194	21.3	-11.8	73.64752	-143.53513	0.2	0.3	0.0	0.1
SNOWBIRD	380	PLOT	22	NOV	75	30	326.0208	196	21.8	-10.6	73.76004	-143.78221	0.5	0.9	0.1	0.1
SNOWBIRD	381	PLOT	22	NOV	75	725	326.3090	200	19.9	-3.2	73.80588	-143.84653	1.1	2.1	0.0	0.1
SNOWBIRD	382	PLOT	23	NOV	75	542	327.2375	200	1.4	-4.6	73.86199	-143.93079	0.7	1.2	0.1	0.1
SNOWBIRD	383	PLOT	23	NOV	75	2242	327.9458	200	1.1	-7.0	73.87215	-144.08368	1.1	2.2	0.0	0.1
SNOWBIRD	384	PLOT	24	NOV	75	542	328.2375	200	1.7	-2.2	73.87680	-144.12151	0.3	0.4	0.0	0.1
SNOWBIRD	385	PLOT	24	NOV	75	2242	328.9458	200	2.3	-9.6	73.88431	-144.20454	0.8	1.5	0.0	0.1
SNOWBIRD	386	PLOT	25	NOV	75	726	329.3097	200	3.8	-11.8	73.89228	-144.30406	0.8	1.6	0.1	0.1
SNOWBIRD	387	PLOT	26	NOV	75	26	330.0181	163	5.6	-13.2	73.90643	-144.50829	0.6	1.0	0.0	0.1
SNOWBIRD	388	PLOT	26	NOV	75	655	330.2882	158	9.7	-10.7	73.92360	-144.59151	0.4	0.6	0.1	0.1
SNOWBIRD	389	PLOT	27	NOV	75	30	331.0208	200	10.4	-8.6	73.99043	-144.74846	0.0	0.0	0.0	0.0
SNOWBIRD	390	PLOT	27	NOV	75	542	331.2375	200	6.3	-2.9	74.00620	-144.78192	12.4	37.3	0.2	0.4
SNOWBIRD	391		27	NOV	75	2243	331.9465		-0.4	3.6	74.01328	-144.80235	0.8	1.5	0.1	0.1
SNOWBIRD	392	PLOT	28	NOV	75	545	332.2396	200	1.5	-4.5	74.01304	-144.81839	0.3	0.4	0.0	0.1
SNOWBIRD	393		29	NOV	75	543	333.2382		-0.2	-6.0	74.02473	-144.99667	0.2	0.3	0.0	0.1
SNOWBIRD	394	PLOT	29	NOV	75	2243	333.9465	200	-2.3	0.0	74.01691	-145.06702	0.3	0.5	0.1	0.1
SNOWBIRD	395		30	NOV	75	545	334.2396		-3.6	0.0	74.01094	-145.06328	0.6	1.1	0.0	0.1
SNOWBIRD	396	PLOT	1	DEC	75	26	335.0181	196	-8.9	6.6	73.98363	-144.98705	0.2	0.3	0.0	0.1
SNOWBIRD	397	PLOT	1	DEC	75	726	335.3097	180	-12.8	3.7	73.95728	-144.94389	0.5	0.9	0.0	0.1
SNOWBIRD	398	PLOT	2	DEC	75	26	336.0181	186	-5.6	-3.1	73.89729	-144.96828	1.1	2.2	0.0	0.1
SNOWBIRD	399	PLOT	2	DEC	75	543	336.2382	184	-6.2	1.0	73.88854	-144.97351	0.3	0.5	0.0	0.1
SNOWBIRD	400	PLOT	2	DEC	75	2242	336.9458	198	-2.0	3.4	73.86722	-144.93440	0.0	0.0	0.0	0.0
SNOWBIRD	401	PLOT	3	DEC	75	543	337.2382	198	-2.6	4.1	73.86300	-144.89798	1.1	2.2	0.0	0.1
SNOWBIRD	402	PLOT	3	DEC	75	2328	337.9778	198	0.3	0.0	73.85721	-144.84230	1.1	2.2	0.0	0.1
SNOWBIRD	403	PLOT	4	DEC	75	543	338.2382	200	-0.7	0.8	73.85603	-144.83806	1.1	2.0	0.0	0.1
SNOWBIRD	404	PLOT	4	DEC	75	2318	338.9708	200	-0.1	-1.6	73.85531	-144.83293	0.9	1.7	0.1	0.1
SNOWBIRD	405	PLOT	5	DEC	75	542	339.2375	200	-0.2	0.7	73.85534	-144.83209	12.5	37.4	0.2	0.4
SNOWBIRD	406	PLOT	5	DEC	75	2243	339.9465	200	-0.5	-0.4	73.85229	-144.82736	0.7	1.2	0.0	0.1
SNOWBIRD	407	PLOT	6	DEC	75	605	340.2535	200	-0.9	0.5	73.85056	-144.82465	0.2	0.2	0.0	0.1
SNOWBIRD	408	PLOT	6	DEC	75	2242	340.9458	200	-0.4	3.0	73.84901	-144.81096	0.5	0.9	0.1	0.1
SNOWBIRD	409	PLOT	7	DEC	75	543	341.2382	200	-0.4	7.1	73.84945	-144.77818	0.0	0.0	0.0	0.1
SNOWBIRD	410	PLOT	8	DEC	75	26	342.0181	200	11.2	-1.3	73.89392	-144.63326	0.1	0.0	0.0	0.1
SNOWBIRD	411	PLOT	8	DEC	75	725	342.3090	200	12.1	-5.4	73.91973	-144.63315	0.7	1.3	0.1	0.1
SNOWBIRD	412	PLOT	8	DEC	75	2243	342.9465	200	-0.4	-7.5	73.94685	-144.82169	0.0	0.0	0.0	0.1
SNOWBIRD	413	PLOT	9	DEC	75	542	343.2375	200	-8.9	1.1	73.94106	-144.84598	0.8	1.5	0.1	0.1
SNOWBIRD	414	PLOT	9	DEC	75	2243	343.9465	198	-4.4	4.4	73.91108	-144.81206	0.6	1.0	0.0	0.1
SNOWBIRD	415	PLOT	10	DEC	75	730	344.3125	198	-5.1	9.1	73.89515	-144.74026	0.2	0.3	0.0	0.0
SNOWBIRD	416	PLOT	11	DEC	75	617	345.2618	200	-6.6	2.4	73.84579	-144.58789	1.0	1.9	0.0	0.1
SNOWBIRD	417		11	DEC	75	2335	345.9826		-0.3	-1.3	73.83238	-144.55312	0.3	0.4	0.0	0.1
SNOWBIRD	418		12	DEC	75	535	346.2326		-0.8	-0.3	73.83274	-144.55301	1.1	2.1	0.0	0.1
SNOWBIRD	419		12	DEC	75	2329	346.9785		-0.3	0.4	73.83247	-144.55380	0.2	0.1	0.0	0.1
SNOWBIRD	420		13	DEC	75	522	347.2236		0.2	-0.3	73.83176	-144.55145	199.1	198.1	1.4	2.3

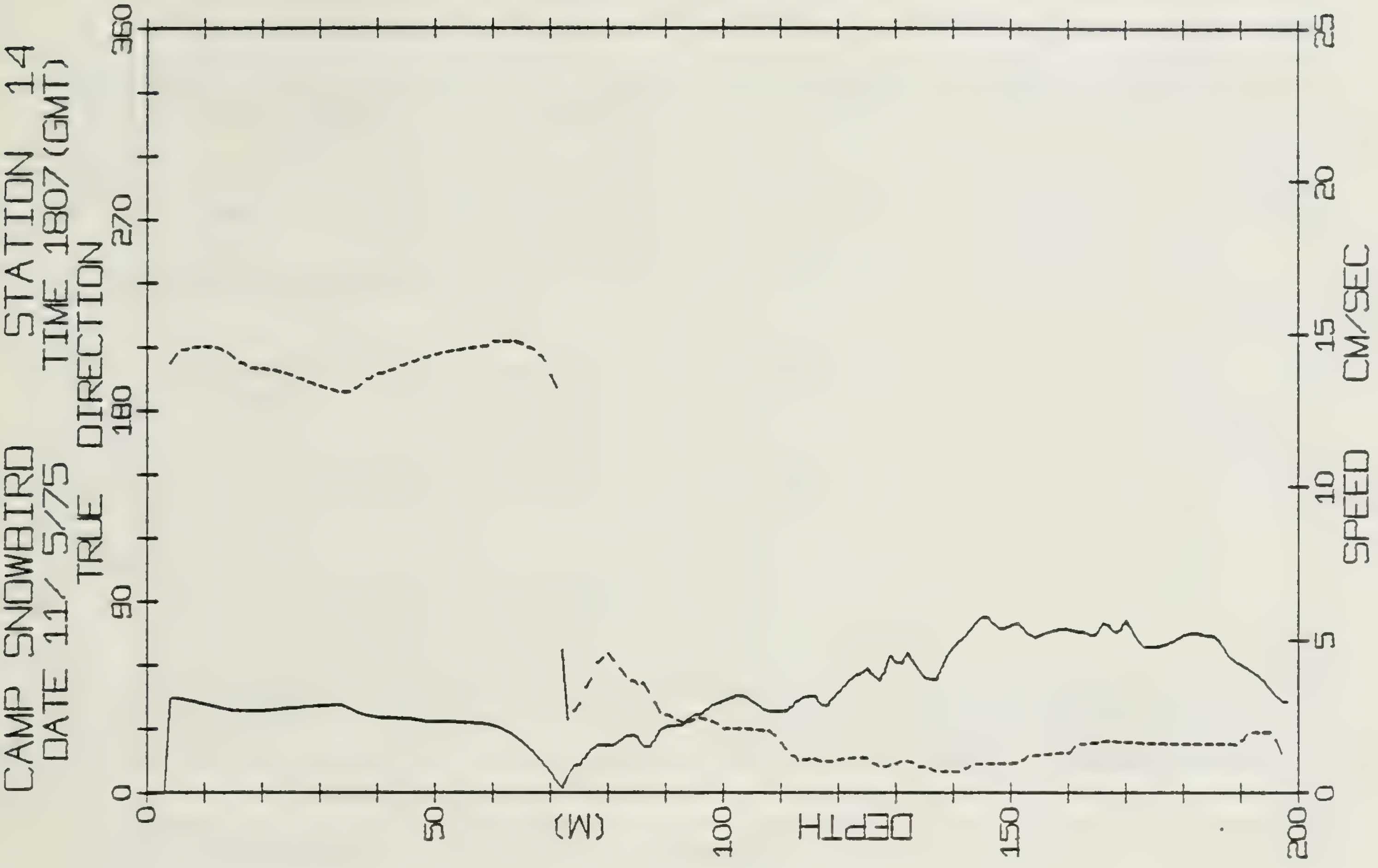
CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG ERR	NV. ERR	EV. ERR
SNOWBIRD	421	PLOT	13	DEC	75	2331	347.9799	200	4.2	-12.2	73.84474	-144.66011	48.7	68.2	0.9	1.5
SNOWBIRD	422	PLOT	14	DEC	75	606	348.2542	200	6.9	-15.3	73.85857	-144.75797	0.6	1.0	0.1	0.1
SNOWBIRD	423		14	DEC	75	2313	348.9673		3.4	-0.6	73.87910	-144.88777	0.2	0.3	0.0	0.0
SNOWBIRD	424	PLOT	15	DEC	75	512	349.2167	200	4.1	3.7	73.88596	-144.88309	0.2	0.3	0.0	0.0
SNOWBIRD	425	PLOT	15	DEC	75	2312	349.9667	200	0.6	4.8	73.89823	-144.80525	0.8	1.5	0.0	0.1
SNOWBIRD	426		16	DEC	75	539	350.2354		-2.3	1.7	73.89767	-144.77826	0.4	0.5	0.1	0.1
SNOWBIRD	427	PLOT	16	DEC	75	2344	350.9889	200	6.8	-14.1	73.90765	-144.91002	0.9	1.6	0.1	0.1
SNOWBIRD	428		17	DEC	75	614	351.2597		2.9	-12.9	73.91747	-145.01247	0.2	0.3	0.0	0.1
SNOWBIRD	429	PLOT	18	DEC	75	948	352.4083	200	-8.7	4.3	73.86633	-145.21445	0.8	1.4	0.0	0.1
SNOWBIRD	430	PLOT	25	DEC	75	2139	359.9021	200	-0.5	1.0	73.79732	-144.98082	1.1	2.1	0.0	0.1
SNOWBIRD	431		26	DEC	75	454	360.2042		0.4	0.4	73.79697	-144.97894	0.4	0.7	0.0	0.1
SNOWBIRD	432		26	DEC	75	2111	360.8826		0.4	-0.2	73.79687	-144.97942	0.6	0.9	0.1	0.1
SNOWBIRD	433		27	DEC	75	621	361.2646		1.8	-3.2	73.79884	-144.99306	0.6	1.1	0.1	0.1
SNOWBIRD	434	PLOT	27	DEC	75	1950	361.8264	200	3.1	-8.7	73.80663	-145.08769	0.4	0.5	0.1	0.1
SNOWBIRD	435	PLOT	28	DEC	75	517	362.2202	195	4.5	-9.0	73.81868	-145.18764	140.5	125.2	1.3	2.2
SNOWBIRD	436	PLOT	28	DEC	75	2142	362.9042	199	1.6	-3.2	73.83503	-145.32399	1.1	2.1	0.0	0.1
SNOWBIRD	437	PLOT	29	DEC	75	538	363.2347	200	-0.3	1.2	73.83518	-145.33691	0.0	0.0	0.0	0.0
SNOWBIRD	438	PLOT	29	DEC	75	2105	363.8785	200	-1.8	6.5	73.82233	-145.25081	1.0	1.9	0.0	0.1
SNOWBIRD	439	PLOT	30	DEC	75	550	364.2430	200	-0.6	6.2	73.81816	-145.18739	0.0	0.0	0.0	0.0
SNOWBIRD	440		30	DEC	75	2122	364.8903		-0.1	4.2	73.81287	-145.10376	0.5	0.9	0.0	0.1
SNOWBIRD	441		31	DEC	75	606	365.2542		1.0	-0.4	73.81377	-145.09618	1.1	2.1	0.0	0.1
SNOWBIRD	442	PLOT	31	DEC	75	2206	365.9208	200	6.2	-8.3	73.84223	-145.20390	11.8	34.8	0.2	0.5
SNOWBIRD	443	PLOT	1	JAN	76	630	366.2708	199	6.1	-10.7	73.86178	-145.30775	0.8	1.5	0.1	0.1
SNOWBIRD	444	PLOT	1	JAN	76	2351	366.9937	200	0.4	5.2	73.88024	-145.40189	1.1	2.0	0.0	0.1
SNOWBIRD	445	PLOT	2	JAN	76	617	367.2618	200	2.2	-1.7	73.88946	-145.39778	0.8	1.4	0.1	0.1
SNOWBIRD	446	PLOT	2	JAN	76	2113	367.8840	200	10.1	2.8	73.93209	-145.43887	0.9	1.6	0.0	0.1
SNOWBIRD	447	PLOT	3	JAN	76	551	368.2437	200	7.5	-1.7	73.95209	-145.50093	6.9	21.1	0.2	0.7
SNOWBIRD	448	PLOT	3	JAN	76	2125	368.8924	191	13.0	-5.1	74.00449	-145.58409	0.9	1.7	0.1	0.1
SNOWBIRD	449	TSER	3	JAN	76	2342	368.9875		15.2	-3.3	74.01504	-145.59596	0.5	0.8	0.1	0.1
SNOWBIRD	450	PLOT	4	JAN	76	643	369.2798	199	16.0	-5.6	74.05043	-145.63937	0.2	0.2	0.0	0.1
SNOWBIRD	451	PLOT	4	JAN	76	2134	369.8986	200	13.5	-6.9	74.13135	-145.77693	0.4	0.6	0.1	0.1
SNOWBIRD	452	PLOT	5	JAN	76	548	370.2417	150	9.9	-5.0	74.16102	-145.83864	0.4	0.6	0.0	0.1
SNOWBIRD	453	PLOT	5	JAN	76	647	370.2827	200	8.9	-4.6	74.16402	-145.84442	0.5	0.9	0.0	0.1
SNOWBIRD	454	PLOT	5	JAN	76	2136	370.9000	200	0.9	2.6	74.18375	-145.86504	1.1	2.2	0.0	0.1
SNOWBIRD	455	PLOT	6	JAN	76	553	371.2451	199	1.0	2.1	74.18546	-145.84888	0.4	0.6	0.1	0.1
SNOWBIRD	456	PLOT	6	JAN	76	2134	371.8986	197	2.9	5.1	74.19556	-145.77332	0.4	0.6	0.0	0.1
SNOWBIRD	457	PLOT	7	JAN	76	630	372.2708	189	3.5	-1.3	74.20601	-145.75374	1.1	2.1	0.0	0.1
SNOWBIRD	458	PLOT	7	JAN	76	2130	372.8958	192	0.5	-0.3	74.21397	-145.77432	1.1	2.2	0.0	0.1
SNOWBIRD	459	PLOT	8	JAN	76	603	373.2521	195	-0.6	-2.2	74.21505	-145.78445	0.7	1.2	0.1	0.1
SNOWBIRD	460	PLOT	8	JAN	76	2115	373.8854	178	-5.3	-3.0	74.20172	-145.80829	0.0	0.0	0.0	0.0
SNOWBIRD	461	PLOT	10	JAN	76	551	375.2437	193	-6.0	7.5	74.11697	-145.72546	434.6	749.2	1.6	2.3
SNOWBIRD	462	PLOT	11	JAN	76	700	376.2917	195	-14.2	8.6	74.09378	-145.37599	0.2	0.2	0.0	0.1
SNOWBIRD	463	PLOT	11	JAN	76	2014	376.8430	196	-12.3	7.7	74.00945	-145.25810	1.0	2.0	0.0	0.1
SNOWBIRD	464	PLOT	12	JAN	76	1706	377.7125	197	-0.1	-0.2	73.96027	-145.10226	0.1	0.0	0.0	0.1
SNOWBIRD	465	PLOT	12	JAN	76	1918	377.8042	193	-0.1	-0.9	73.96021	-145.10327	0.7	1.3	0.1	0.1
SNOWBIRD	466	PLOT	13	JAN	76	713	378.3007	194	0.0	0.4	73.95924	-145.09940	0.0	0.0	0.0	0.0
SNOWBIRD	467	PLOT	13	JAN	76	1957	378.8312	194	-0.1	-2.2	73.95924	-145.09712	1.1	2.2	0.0	0.1
SNOWBIRD	468	PLOT	14	JAN	76	1958	379.8319	196	4.7	-0.8	73.97177	-145.10455	1.1	2.2	0.0	0.1
SNOWBIRD	469	PLOT	15	JAN	76	643	380.2798	199	5.0	-2.0	73.99220	-145.11478	0.9	1.8	0.0	0.1
SNOWBIRD	470	PLOT	15	JAN	76	1943	380.8215	200	-2.3	-0.9	73.99492	-145.13934	0.0	0.0	0.0	0.0
SNOWBIRD	471	PLOT	16	JAN	76	716	381.3028	198	-7.9	2.8	73.97334	-145.10590	1.1	2.0	0.0	0.1
SNOWBIRD	472	PLOT	16	JAN	76	2033	381.8563	199	0.7	2.2	73.95811	-145.04399	1.0	2.0	0.0	0.1
SNOWBIRD	473	PLOT	17	JAN	76	627	382.2687	200	0.0	-0.5	73.96143	-145.04643	0.9	1.6	0.1	0.1
SNOWBIRD	474		17	JAN	76	2003	382.8354		-1.8	0.2	73.95966	-145.07126	1.0	2.0	0.0	0.1
SNOWBIRD	475		18	JAN	76	735	383.3160		-1.6	1.5	73.95313	-145.06839	0.6	1.0	0.1	0.1
SNOWBIRD	476		18	JAN	76	2052	383.8694		-1.1	-0.1	73.95001	-145.06555	1.1	2.2	0.0	0.1
SNOWBIRD	477		19	JAN	76	628	384.2694		-2.7	1.4	73.94683	-145.05623	8.0	22.6	0.3	0.7
SNOWBIRD	478	PLOT	19	JAN	76	2059	384.8743	200	-1.8	6.9	73.93825	-144.99715	1.1	2.1	0.0	0.1
SNOWBIRD	479		20	JAN	76	618	385.2625		-1.4	4.1	73.93175	-144.93568	0.0	0.0	0.0	0.0
SNOWBIRD	480		20	JAN	76	2139	385.9021		0.0	0.6	73.92793	-144.91095	0.5	0.9	0.1	0.1
SNOWBIRD	481		21	JAN	76	734	386.3153		0.1	-1.4	73.92748	-144.91122	1.1	2.2	0.0	0.1
SNOWBIRD	482	PLOT	21	JAN	76	2016	386.8445	200	-1.8	-8.0	73.92424	-144.94688	0.8	1.6	0.0	0.1
SNOWBIRD	483		22	JAN	76	16	387.0111		-2.9	-9.3	73.92168	-144.97934	0.0	0.0	0.0	0.0
SNOWBIRD	484	PLOT	22	JAN	76	638	387.2764	200	-4.0	-4.7	73.91291	-145.02605	0.1	0.0	0.0	0.1
SNOWBIRD	485		22	JAN	76	2012	387.8417		-2.5	-3.2	73.90239	-145.06094	1.1	2.0	0.0	0.1
SNOWBIRD	486		23	JAN	76	747	388.3243		-4.3	-1.5	73.88789	-145.09155	0.3	0.3	0.0	0.1
SNOWBIRD	487		23	JAN	76	1941	388.8201		-0.4	1.7	73.87992	-145.08163	0.7	1.2	0.1	0.1
SNOWBIRD	488		24	JAN	76	657	389.2896		-1.1	1.2	73.87730	-145.04848	0.3	0.5	0.1	0.1
SNOWBIRD	489		24	JAN	76	2112	389.8833		-1.9	2.0	73.86424	-145.00694	0.0	0.0	0.0	0.0
SNOWBIRD	490		25	JAN	76	651	390.2854		-0.3	0.7	73.86108	-145.00710	0.8	1.4	0.0	0.1

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N VEL	E. VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG. ERR	NV. ERR	EV. ERR
SNOWBIRD	491		25	JAN	76	2053	390.8701		-0.1	-1.1	73.85516	-145.00902	1.0	2.0	0.0	0.1
SNOWBIRD	492		26	JAN	76	720	391.3055		0.2	-1.2	73.85445	-145.01088	0.4	0.6	0.1	0.1
SNOWBIRD	493		26	JAN	76	2034	391.8569		-0.4	-3.3	73.85468	-145.01189	1.1	2.2	0.0	0.1
SNOWBIRD	494		27	JAN	76	707	392.2965		-0.3	-0.3	73.85472	-145.00908	0.2	0.3	0.0	0.1
SNOWBIRD	495		27	JAN	76	1950	392.8264		-0.1	-1.7	73.85445	-145.01042	1.1	2.2	0.0	0.1
SNOWBIRD	496		28	JAN	76	723	393.3076		0.1	-1.1	73.85442	-145.01311	0.1	0.1	0.0	0.0
SNOWBIRD	497		28	JAN	76	2011	393.8410		-0.1	0.1	73.85435	-145.00984	41.5	84.7	0.5	1.1
SNOWBIRD	498		29	JAN	76	637	394.2757		-0.3	-0.1	73.85460	-145.01154	0.3	0.4	0.0	0.1
SNOWBIRD	499		29	JAN	76	2042	394.8625		0.9	-6.3	73.85902	-145.06604	0.2	0.3	0.0	0.1
SNOWBIRD	500	PLOT	30	JAN	76	705	395.2951	199	0.2	-15.1	73.86227	-145.19814	0.9	1.6	0.0	0.1
SNOWBIRD	501	PLOT	30	JAN	76	2057	395.8729	200	2.5	-12.0	73.86756	-145.46175	0.8	1.4	0.0	0.1
SNOWBIRD	502	PLOT	31	JAN	76	644	396.2805	200	2.5	-14.0	73.87268	-145.62096	0.3	0.4	0.0	0.1
SNOWBIRD	503	TSER	31	JAN	76	1200	396.5000		1.9	-10.4	73.87635	-145.69449	0.2	0.4	0.0	0.0
SNOWBIRD	504	PLOT	1	FEB	76	2111	397.8826	200	2.7	3.9	73.92463	-145.80513	0.0	0.0	0.0	0.0
SNOWBIRD	505	PLOT	6	FEB	76	805	402.3360	197	-7.7	5.1	73.87498	-145.47429	0.4	0.6	0.0	0.1
SNOWBIRD	506	PLOT	7	FEB	76	42	403.0292	194	-5.0	10.4	73.84221	-145.30180	0.9	1.8	0.1	0.1
SNOWBIRD	507	PLOT	7	FEB	76	653	403.2868	176	-6.5	7.9	73.83020	-145.23274	1.0	2.0	0.0	0.1
SNOWBIRD	508	PLOT	8	FEB	76	711	404.2993	190	-6.1	8.4	73.76725	-145.02715	7.0	21.3	0.2	0.7
SNOWBIRD	509	PLOT	9	FEB	76	728	405.3111	198	-4.3	5.3	73.72380	-144.85306	1.1	2.1	0.0	0.1
SNOWBIRD	510		9	FEB	76	2359	405.9993		-0.4	-0.5	73.71552	-144.79451	1.1	2.1	0.0	0.1
SNOWBIRD	511		10	FEB	76	647	406.2827		0.2	-2.8	73.71512	-144.79247	1.1	2.1	0.0	0.1
SNOWBIRD	512		10	FEB	76	2347	406.9910		-0.9	-0.4	73.71479	-144.79332	0.8	1.5	0.1	0.1
SNOWBIRD	513		11	FEB	76	647	407.2827		0.1	-0.3	73.71494	-144.79503	1.0	1.9	0.0	0.1
SNOWBIRD	514		12	FEB	76	16	408.0111		-1.2	3.9	73.71263	-144.76852	0.8	1.6	0.0	0.1
SNOWBIRD	515		12	FEB	76	633	408.2729		-3.9	1.8	73.70712	-144.75520	0.2	0.3	0.0	0.0
SNOWBIRD	516		12	FEB	76	2314	408.9680		-1.0	-0.5	73.69336	-144.72128	0.0	0.0	0.0	0.0
SNOWBIRD	517		13	FEB	76	653	409.2868		-0.4	0.7	73.69315	-144.72296	0.9	1.7	0.1	0.1
SNOWBIRD	518		13	FEB	76	2357	409.9979		0.8	-0.6	73.69318	-144.72154	0.9	1.7	0.0	0.1
SNOWBIRD	519		14	FEB	76	646	410.2820		-0.2	0.5	73.69305	-144.72379	0.7	1.3	0.1	0.1
SNOWBIRD	520		15	FEB	76	652	411.2861		0.1	-2.0	73.69298	-144.72456	0.7	1.2	0.1	0.1
SNOWBIRD	521		16	FEB	76	3	412.0021		-0.3	0.7	73.69325	-144.72357	1.0	1.8	0.0	0.1
SNOWBIRD	522		16	FEB	76	707	412.2965		-0.2	-0.4	73.69309	-144.72204	0.7	1.2	0.0	0.1
SNOWBIRD	523		16	FEB	76	2320	412.9778		-0.8	-0.9	73.69380	-144.72327	19.3	33.0	0.6	1.2
SNOWBIRD	524		17	FEB	76	635	413.2743		0.7	1.0	73.68930	-144.69789	80.5	106.3	0.9	1.4
SNOWBIRD	525		18	FEB	76	9	414.0063		-0.2	-0.3	73.69314	-144.72340	0.3	0.5	0.1	0.1
SNOWBIRD	526		18	FEB	76	701	414.2924		0.3	0.7	73.69281	-144.72368	0.4	0.6	0.1	0.1
SNOWBIRD	527		18	FEB	76	2325	414.9757		0.5	-0.9	73.69313	-144.72322	1.1	2.1	0.0	0.1
SNOWBIRD	528		20	FEB	76	4	416.0028		0.6	-0.2	73.69302	-144.72368	1.1	2.2	0.0	0.1
SNOWBIRD	529		20	FEB	76	640	416.2778		0.0	-1.7	73.69293	-144.72418	0.3	0.3	0.0	0.1
SNOWBIRD	530		20	FEB	76	2017	416.8452		0.1	-1.1	73.69309	-144.71997	0.3	0.4	0.0	0.1
SNOWBIRD	531		21	FEB	76	701	417.2924		-0.2	0.7	73.69296	-144.72366	0.3	0.3	0.0	0.1
SNOWBIRD	532		21	FEB	76	2003	417.8354		0.0	1.7	73.69307	-144.72325	0.2	0.3	0.0	0.1
SNOWBIRD	533		22	FEB	76	702	418.2931		-0.4	-1.6	73.69295	-144.72389	1.1	2.2	0.0	0.1
SNOWBIRD	534		22	FEB	76	2349	418.9924		0.3	-0.5	73.69313	-144.72223	1.0	1.8	0.0	0.1
SNOWBIRD	535		23	FEB	76	636	419.2750		-0.6	-0.7	73.69297	-144.72383	0.5	0.8	0.1	0.1
SNOWBIRD	536		23	FEB	76	2322	419.9736		0.0	-0.1	73.69318	-144.72462	0.4	0.6	0.1	0.1
SNOWBIRD	537		24	FEB	76	706	420.2958		-0.1	-0.7	73.69299	-144.72662	1.0	2.0	0.0	0.1
SNOWBIRD	538		24	FEB	76	2032	420.8556		0.2	2.5	73.69331	-144.72557	0.1	0.0	0.0	0.1
SNOWBIRD	539		25	FEB	76	2056	421.8722		0.4	1.9	73.69321	-144.72295	0.7	1.1	0.1	0.3
SNOWBIRD	540		26	FEB	76	643	422.2790		-0.1	0.1	73.69315	-144.72670	0.2	0.3	0.0	0.1
SNOWBIRD	541	PLOT	27	FEB	76	652	423.2861	200	11.9	4.0	73.73725	-144.72063	0.3	0.4	0.1	0.1
SNOWBIRD	542		27	FEB	76	2347	423.9910		-1.7	-0.1	73.73930	-144.66634	1.0	1.8	0.0	0.1
SNOWBIRD	543		28	FEB	76	652	424.2861		-0.1	-1.3	73.73762	-144.66615	0.7	1.2	0.1	0.1
SNOWBIRD	544		28	FEB	76	2055	424.8715		3.6	-0.5	73.73987	-144.66910	42.1	86.3	0.5	1.1
SNOWBIRD	545	PLOT	29	FEB	76	601	425.2507	200	7.7	-0.3	73.75470	-144.68152	0.2	0.4	0.0	0.0
SNOWBIRD	546		29	FEB	76	2010	425.8403		5.1	0.0	73.78190	-144.70706	0.0	0.0	0.0	0.1
SNOWBIRD	547		1	MAR	76	654	426.2875		6.3	-3.0	73.79906	-144.74086	1.1	2.2	0.0	0.1
SNOWBIRD	548		1	MAR	76	2105	426.8785		-0.4	-2.8	73.79836	-144.75102	0.7	1.2	0.1	0.1
SNOWBIRD	549		2	MAR	76	537	427.2340		-3.0	0.5	73.79352	-144.77179	52.2	80.9	0.9	1.3
SNOWBIRD	550		3	MAR	76	701	428.2924		0.5	1.1	73.77863	-144.72543	495.8	970.0	1.6	2.2
SNOWBIRD	551	PLOT	4	MAR	76	2044	429.8539	200	-6.4	-11.8	73.75041	-145.10139	0.8	1.4	0.1	0.1
SNOWBIRD	552	PLOT	5	MAR	76	2208	430.9222	200	-2.2	[illegible]	73.72393	-145.12425	0.8	1.4	0.0	0.0
SNOWBIRD	553		6	MAR	76	657	431.2896		-1.4	3.8	73.71892	-145.09935	1.0	1.9	0.0	0.1
SNOWBIRD	554		6	MAR	76	2008	431.8369		-0.1	-1.6	73.71896	-145.05714	0.9	1.7	0.1	0.1
SNOWBIRD	555		11	MAR	76	610	436.2570		-1.5	-2.5	73.75436	-145.61165	9999.9	9999.9	9999.9	9999.9
SNOWBIRD	556		12	MAR	76	57	437.0396		-1.3	-2.6	73.74551	-145.66641	9999.9	9999.9	9999.9	9999.9
SNOWBIRD	557	PLOT	22	MAR	76	2043	447.8652	200	0.1	-0.7	73.36755	-145.40797	0.4	0.6	0.1	0.1
SNOWBIRD	558	PLOT	23	MAR	76	822	448.3486	200	1.5	-1.9	73.36752	-145.40854	1.1	2.2	0.0	0.1
SNOWBIRD	559	PLOT	23	MAR	76	2014	448.8430	200	0.1	-0.7	73.36744	-145.40822	0.7	1.3	0.0	0.1
SNOWBIRD	560	PLOT	24	MAR	76	702	449.2931	200	2.0	0.4	73.36712	-145.39906	0.5	0.8	0.1	0.1

CAMP	STAT	CODE	DY	MON	YR	TIME	AJXDAY	DEPTH	N. VEL	E VEL	LATITUDE	LONGITUDE	LAT. ERR	LNG. ERR	NV. ERR	EV ERR
SNOWBIRD	561	PLOT	24	MAR	76	2011	449.8410	200	0.2	2.0	73.36754	-145.39671	0.0	0.0	0.0	0.0
SNOWBIRD	562		25	MAR	76	659	450.2910		0.6	-1.1	73.36811	-145.37999	0.3	0.5	0.1	0.1
SNOWBIRD	563		25	MAR	76	1930	450.8125		-0.1	2.6	73.36842	-145.38373	0.0	0.0	0.0	0.1
SNOWBIRD	564	PLOT	26	MAR	76	638	451.2764	200	-0.4	1.0	73.36824	-145.38362	1.1	2.2	0.0	0.1
SNOWBIRD	565		26	MAR	76	2046	451.8653		-0.2	-0.5	73.36842	-145.38408	1.1	2.2	0.0	0.1
SNOWBIRD	566		27	MAR	76	1317	452.5535		-0.1	2.2	73.36790	-145.38313	0.5	0.9	0.1	0.1
SNOWBIRD	567		27	MAR	76	2140	452.9028		0.8	0.4	73.36820	-145.38301	0.7	1.2	0.1	0.1
SNOWBIRD	568		28	MAR	76	635	453.2743		0.2	1.5	73.36835	-145.38423	1.0	1.9	0.0	0.1
SNOWBIRD	569		28	MAR	76	1938	453.8181		0.2	2.1	73.36821	-145.38379	0.2	0.3	0.0	0.1
SNOWBIRD	570		29	MAR	76	629	454.2701		-0.4	0.2	73.36831	-145.38312	0.2	0.3	0.0	0.1
SNOWBIRD	571		29	MAR	76	1924	454.8083		0.1	-1.2	73.36832	-145.38393	1.1	2.0	0.0	0.1
SNOWBIRD	572		30	MAR	76	709	455.2979		-0.3	1.1	73.36833	-145.38364	0.7	1.3	0.1	0.1
SNOWBIRD	573		30	MAR	76	1929	455.8118		-0.5	-4.4	73.36823	-145.38304	1.1	2.2	0.0	0.1
SNOWBIRD	574		31	MAR	76	639	456.2771		-0.2	0.4	73.36829	-145.38245	0.3	0.5	0.1	0.1
SNOWBIRD	575		31	MAR	76	1925	456.8090		0.2	-7.7	73.36842	-145.37624	0.0	0.0	0.0	0.0
SNOWBIRD	576		1	APR	76	643	457.2798		0.1	0.6	73.36818	-145.38428	0.2	0.2	0.0	0.1
SNOWBIRD	577		1	APR	76	1925	457.8070		0.3	-0.9	73.36857	-145.38266	0.0	0.0	0.0	0.0
SNOWBIRD	578		2	APR	76	722	458.3069		0.1	-1.4	73.36838	-145.38391	0.0	0.0	0.0	0.0
SNOWBIRD	579		2	APR	76	1928	458.8111		0.1	-2.4	73.36835	-145.38399	1.1	2.2	0.0	0.1
SNOWBIRD	580		3	APR	76	651	459.2054		-1.2	0.0	73.36703	-145.38397	0.4	0.7	0.0	0.1
SNOWBIRD	581		3	APR	76	1927	459.8104		-0.2	-0.9	73.36831	-145.38382	0.8	1.4	0.1	0.1
SNOWBIRD	582		4	APR	76	652	460.2861		0.2	-1.3	73.36813	-145.38231	0.0	0.0	0.0	0.0
SNOWBIRD	583		4	APR	76	1949	460.8257		0.4	-0.5	73.36828	-145.38354	1.0	2.0	0.0	0.1
SNOWBIRD	584	PLOT	5	APR	76	38	461.0264	200	0.6	-14.1	73.36786	-145.41013	0.0	0.0	0.0	0.0
SNOWBIRD	585	PLOT	5	APR	76	631	461.2715	200	-1.2	-6.1	73.36481	-145.47145	0.6	1.1	0.0	0.1
SNOWBIRD	586		5	APR	76	1958	461.8319		0.2	-0.2	73.36303	-145.49899	0.3	0.4	0.0	0.1
SNOWBIRD	587		6	APR	76	714	462.3014		1.0	-2.3	73.36489	-145.54231	0.9	1.7	0.0	0.1
SNOWBIRD	588		6	APR	76	2006	462.8375		0.7	-1.8	73.36767	-145.56323	0.0	0.0	0.0	0.0
SNOWBIRD	589		7	APR	76	733	463.3146		0.6	0.4	73.36780	-145.56459	0.8	1.4	0.1	0.1
SNOWBIRD	590		7	APR	76	1939	463.8188		-0.5	0.8	73.36691	-145.55974	0.2	0.3	0.0	0.1
SNOWBIRD	591		8	APR	76	628	464.2674		0.2	-1.8	73.36639	-145.55453	1.1	2.2	0.0	0.1
SNOWBIRD	592	PLOT	8	APR	76	2001	464.8340	200	9.9	-4.9	73.38009	-145.59142	1.1	2.2	0.0	0.1
SNOWBIRD	593		9	APR	76	820	465.3472		5.8	-1.6	73.41280	-145.64941	0.2	0.1	0.0	0.1
SNOWBIRD	594	PLOT	9	APR	76	2009	465.8396	200	-6.6	-3.4	73.40948	-145.66806	5.1	6.3	0.4	0.7
SNOWBIRD	595	PLOT	10	APR	76	647	466.2827	200	-2.3	-5.9	73.38985	-145.71857	1.1	2.2	0.0	0.1
SNOWBIRD	596	PLOT	10	APR	76	1937	466.8174	200	-1.5	-8.8	73.37887	-145.81219	0.1	0.0	0.0	0.1
SNOWBIRD	597	PLOT	11	APR	76	644	467.2805	200	0.3	-10.9	73.37484	-145.93806	1.1	2.2	0.0	0.1
SNOWBIRD	598	PLOT	11	APR	76	2016	467.8445	200	3.3	-12.4	73.38056	-146.12378	0.2	0.2	0.0	0.1
SNOWBIRD	599		12	APR	76	651	468.2054		3.5	-3.9	73.39784	-146.21463	1.0	2.0	0.0	0.1
SNOWBIRD	600		12	APR	76	1923	468.8076		0.3	-1.8	73.40042	-146.21744	1.0	1.9	0.0	0.1
SNOWBIRD	601		13	APR	76	648	469.2833		-1.2	0.6	73.39923	-146.20929	0.5	0.9	0.1	0.1
SNOWBIRD	602		13	APR	76	1952	469.8270		0.4	2.0	73.39658	-146.17831	11.1	33.8	0.2	0.5
SNOWBIRD	603		14	APR	76	641	470.2785		-0.9	4.3	73.39246	-146.15135	1.1	2.2	0.0	0.1
SNOWBIRD	604		14	APR	76	1932	470.8139		0.5	10.9	73.38928	-146.08046	12.8	28.8	0.6	1.1
SNOWBIRD	605	PLOT	14	APR	76	2129	470.8951	199	2.5	11.3	73.39031	-146.05592	84.5	106.6	0.9	1.6
SNOWBIRD	606	TSER	14	APR	76	2312	470.9667		3.3	11.7	73.39197	-146.03351	103.9	122.8	0.8	1.5
SNOWBIRD	607	PLOT	15	APR	76	710	471.2986	199	2.8	5.5	73.39891	-145.94458	1.0	2.0	0.0	0.1
SNOWBIRD	608	PLOT	15	APR	76	1929	471.8118	200	3.6	9.9	73.41196	-145.85068	1.6	3.9	0.3	0.5
SNOWBIRD	609	TSER	15	APR	76	2051	471.8687		4.4	11.0	73.41374	-145.83449	29.7	59.2	0.6	1.2
SNOWBIRD	610		16	APR	76	641	472.2785		2.0	3.0	73.42487	-145.74110	0.2	0.3	0.0	0.1
SNOWBIRD	611	PLOT	16	APR	76	2233	472.9396	200	-1.4	-0.7	73.42693	-145.72972	18.9	32.3	0.6	1.2
SNOWBIRD	612	PLOT	17	APR	76	642	473.2792	199	-0.6	-1.4	73.42518	-145.72733	12.2	18.7	0.5	1.1
SNOWBIRD	613	PLOT	17	APR	76	2139	473.9021	198	2.1	0.6	73.42712	-145.73230	1.1	2.0	0.0	0.1
SNOWBIRD	614	PLOT	18	APR	76	224	474.1000	199	1.8	-3.0	73.43063	-145.73465	0.0	0.0	0.0	0.1
SNOWBIRD	615	PLOT	18	APR	76	1331	474.5632	198	-0.2	-3.8	73.43052	-145.75385	0.8	1.5	0.1	0.1
SNOWBIRD	616	PLOT	19	APR	76	130	475.0625	197	-1.4	-7.4	73.42690	-145.81047	0.2	0.1	0.0	0.1
SNOWBIRD	617	PLOT	19	APR	76	1310	475.5542	198	-2.5	-4.0	73.41969	-145.87024	0.0	0.0	0.0	0.1
SNOWBIRD	618	PLOT	20	APR	76	117	476.0535	200	-3.9	-5.7	73.40373	-145.94868	0.7	1.2	0.0	0.1
SNOWBIRD	619		20	APR	76	703	476.2930		-1.2	-6.3	73.39924	-145.98857	0.3	0.5	0.0	0.1
SNOWBIRD	620	PLOT	20	APR	76	1923	476.8076	200	-1.4	-5.5	73.39536	-146.02220	1.0	2.0	0.0	0.1

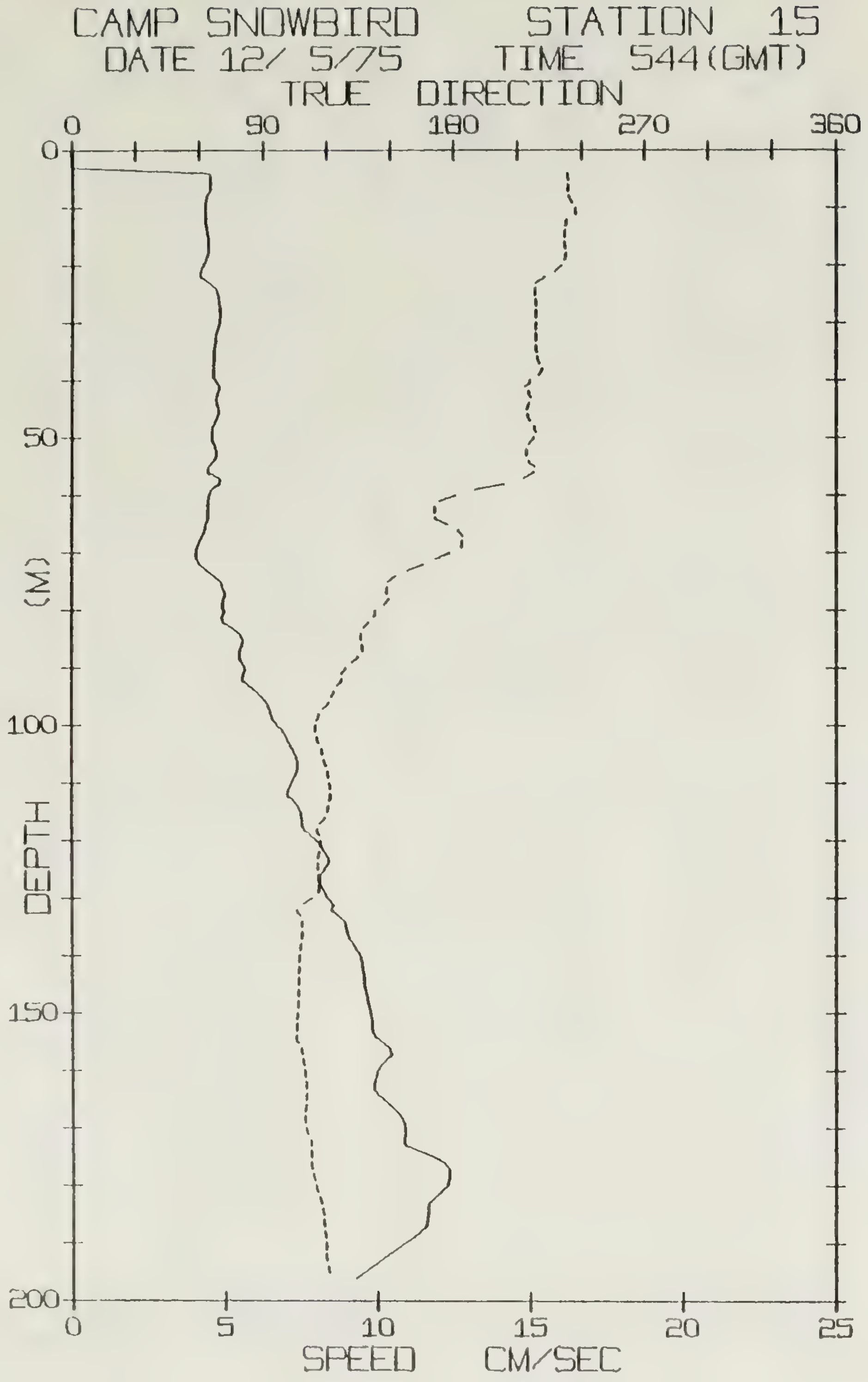
This page intentionally left blank

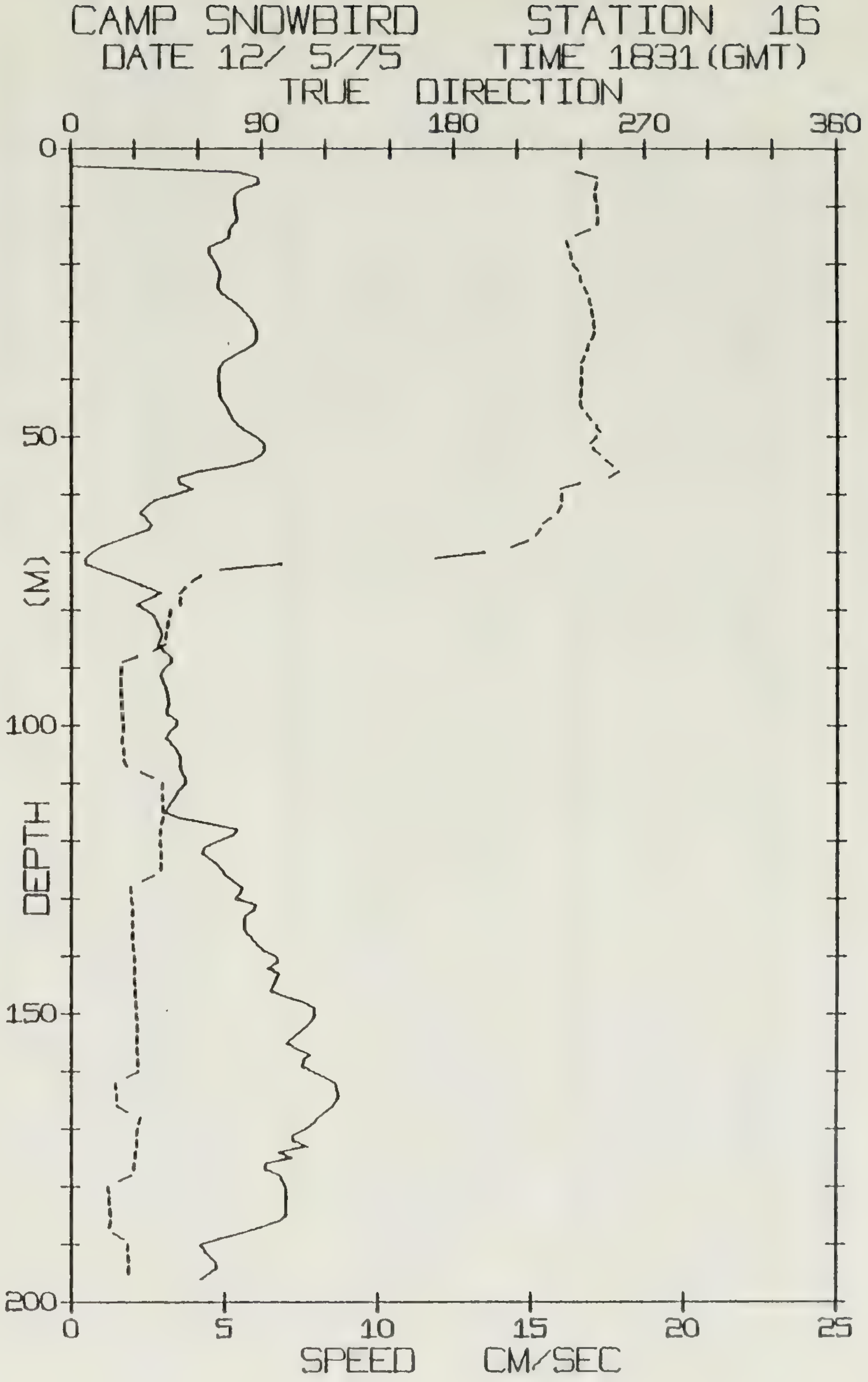

CAMP SNOWBIRD STATION 13
DATE 11/ 5/75 TIME 558(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 14
DATE 11/ 5/75 TIME 1807(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION  13     (200M )      11/MAY/75        558 GMT
LAT= 76.2897N  LONG= 147 5197W  LTER=    26   LGER=     51
NIVEL=  -3 2   EIVEL=    3.1    NVER=     1   EVER=      1

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   2.2   63.2      134   5.2   47.3
  1   0.0  999.9       68   2.4   61.2      135   5.1   50.2
  2   0.0  999.9       69   3.1   61.5      136   5.0   53.5
  3   0.0  999.9       70   3.4   60.7      137   5.0   55.2
  4   5.0  149.6       71   3.5   61.0      138   5.1   54.8
  5   5.1  151.2       72   3.5   59.8      139   5.3   53.2
  6   5.1  151.6       73   3.4   57.9      140   5.6   53.1
  7   5.1  151.6       74   3.4   56.1      141   5.7   53.8
  8   4.8  150.2       75   3.5   55.9      142   5.6   57.0
  9   4.8  148.3       76   3.7   57.9      143   5.6   55.4
 10   4.7  145.7       77   4.1   62.4      144   5.5   53.3
 11   4.6  143.8       78   4.4   65.5      145   5.3   52.4
 12   4.4  142.3       79   4.6   69.2      146   5.2   52.5
 13   4.2  140.1       80   4.4   70.7      147   5.2   52.6
 14   3.9  137.5       81   4.2   72.4      148   5.2   52.6
 15   3.7  136.8       82   4.3   70.2      149   5.1   53.0
 16   3.6  135.5       83   4.3   69.0      150   5.1   53.8
 17   3.4  136.2       84   4.1   70.3      151   5.2   53.2
 18   3.2  133.9       85   4.5   71.4      152   5.2   52.9
 19   2.4  135.4       86   4.5   73.7      153   5.2   53.1
 20   2.2  137.7       87   4.5   72.7      154   5.1   51.7
 21   2.1  139.3       88   4.5   69.4      155   5.0   50.5
 22   1.5  139.2       89   4.3   66.2      156   4.9   50.7
 23   1.0  139.2       90   4.1   63.5      157   4.9   51.0
 24   1.1  144.3       91   4.1   61.1      158   4.8   51.4
 25   1.1  151.3       92   4.3   62.6      159   4.8   51.8
 26   1.2  157.9       93   4.6   63.6      160   4.7   52.2
 27   1.3  163.6       94   4.8   62.8      161   4.8   50.0
 28   1.4  172.2       95   5.0   61.5      162   5.0   47.5
 29   1.6  180.2       96   5.2   60.3      163   5.1   45.4
 30   2.0  187.5       97   5.1   61.3      164   5.1   44.6
 31   2.1  188.9       98   5.2   61.2      165   5.2   43.7
 32   2.0  188.0       99   5.3   60.4      166   5.3   43.3
 33   1.8  186.0      100   5.4   59.9      167   5.4   43.6
 34   1.5  181.1      101   5.5   59.6      168   5.4   44.0
 35   1.4  176.3      102   5.6   59.4      169   5.4   43.2
 36   1.3  173.7      103   5.6   59.2      170   5.5   43.0
 37   1.2  171.7      104   5.5   59.1      171   5.4   43.8
 38   1.2  171.9      105   5.4   60.5      172   5.4   44.4
 39   1.1  171.9      106   5.3   62.2      173   5.4   44.1
 40   1.1  171.8      107   5.2   63.8      174   5.4   44.1
 41   1.0  171.3      108   5.1   64.9      175   5.3   45.1
 42   1.0  171.6      109   5.1   65.2      176   5.2   46.4
 43   0.9  172.7      110   5.1   65.5      177   5.4   45.8
 44   0.8  174.6      111   5.0   64.6      178   5.3   46.5
 45   0.8  173.3      112   4.8   62.6      179   5.2   46.0
 46   0.8  171.3      113   4.6   60.7      180   5.0   46.2
 47   0.9  169.4      114   4.6   59.5      181   4.8   46.8
 48   0.9  166.8      115   4.8   58.2      182   4.6   45.7
 49   0.9  163.2      116   4.9   55.6      183   4.5   45.4
 50   0.8  160.0      117   4.8   56.1      184   4.5   46.4
 51   0.8  155.5      118   4.7   58.4      185   4.4   47.4
 52   0.8  150.1      119   4.8   57.2      186   4.4   48.1
 53   0.7  144.2      120   4.8   56.8      187   4.3   47.5
 54   0.7  136.5      121   4.9   55.9      188   4.3   46.7
 55   0.7  128.9      122   5.0   54.4      189   4.2   47.3
 56   0.8  121.2      123   5.1   53.5      190   4.4   46.9
 57   1.2  125.2      124   5.2   52.4      191   4.4   47.2
 58   1.6  132.7      125   5.3   50.5      192   4.3   47.3
 59   1.7  113.9      126   5.6   48.3      193   4.2   47.2
 60   2.2   98.6      127   5.6   48.0      194   4.3   47.3
 61   2.5   91.9      128   5.3   49.5      195   4.4   47.6
 62   2.5   88.3      129   5.5   49.0      196   4.6   45.6
 63   2.2   76.6      130   5.4   49.2      197   4.6   45.9
 64   2.4   66.4      131   5.0   48.8      198   4.6   44.7
 65   2.5   65.5      132   5.0   48.4      199   4.7   43.1
 66   2.4   64.5      133   5.1   47.8      200   5.7   58.9
```

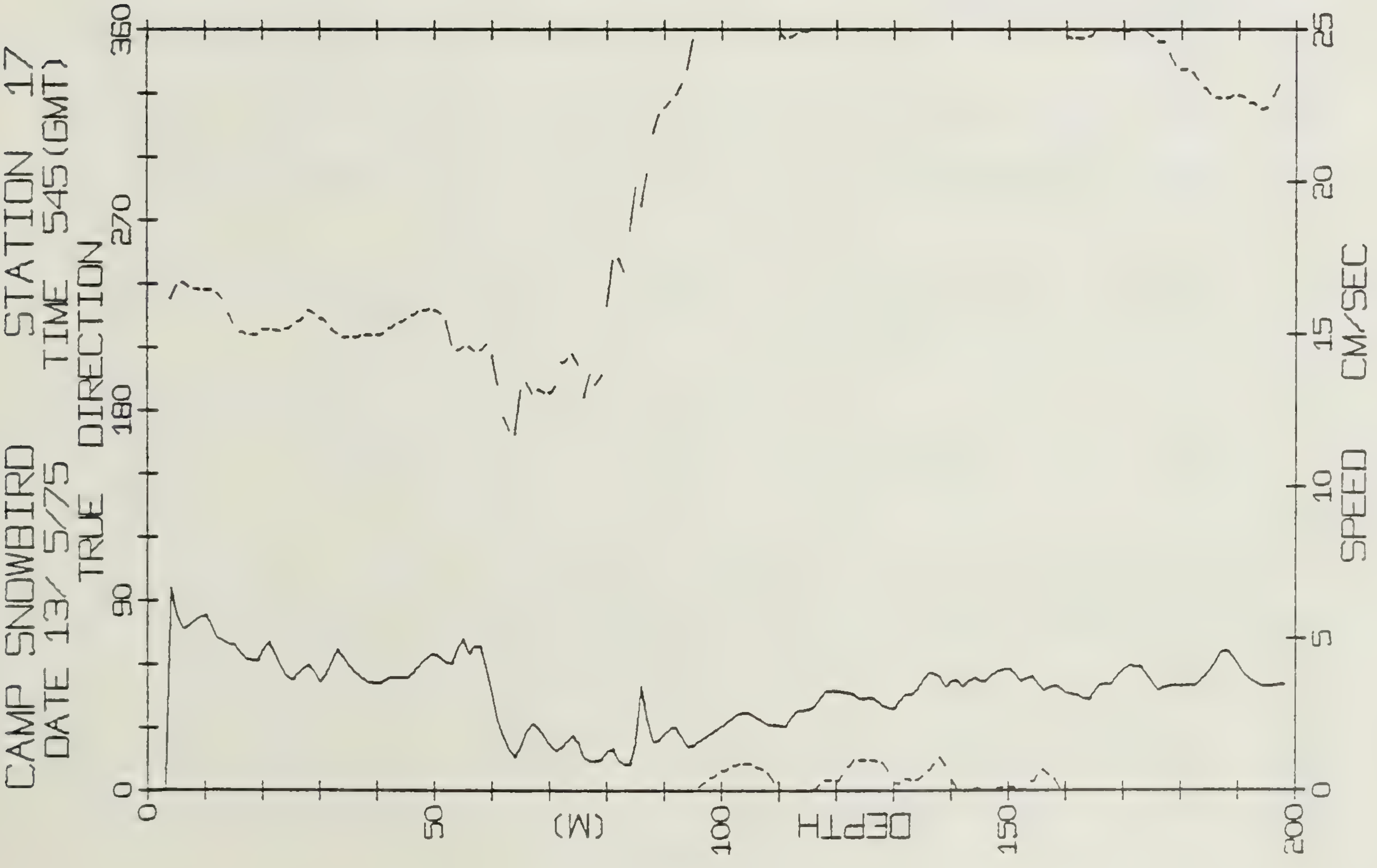
```
SNOWBIRD STATION  14     (198M.)      11/MAY/75       1807 GMT
LAT= 76.2778N  LONG= 147 5061W  LTER=    1.   LGER=      1
NIVEL=  -3 7   EIVEL=   -2 1    NVER=     0   EVER=      0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   1.3  208.5      134   4.0   12.3
  1   0.0  999.9       68   1.1  206.3      135   3.8   11.9
  2   0.0  999.9       69   0.9  203.3      136   3.7   11.1
  3   0.0  999.9       70   0.7  196.6      137   3.7    9.8
  4   3.1  202.6       71   0.4  191.0      138   4.1   10.3
  5   3.1  206.5       72   0.1   67.5      139   4.5   10.4
  6   3.0  208.2       73   0.6   34.7      140   4.8    9.8
  7   3.0  209.3       74   0.9   38.6      141   5.0   10.1
  8   3.0  210.0       75   0.9   42.4      142   5.1   11.6
  9   2.9  210.4       76   1.2   49.4      143   5.4   13.1
 10   2.9  210.3       77   1.4   53.9      144   5.6   13.8
 11   2.8  210.1       78   1.6   61.2      145   5.8   14.0
 12   2.8  209.5       79   1.5   63.7      146   5.7   14.2
 13   2.8  208.4       80   1.6   65.1      147   5.5   14.1
 14   2.7  207.0       81   1.6   62.1      148   5.4   13.8
 15   2.7  204.7       82   1.7   58.6      149   5.4   13.9
 16   2.7  202.8       83   1.9   55.0      150   5.5   14.3
 17   2.7  201.3       84   1.9   53.0      151   5.6   14.6
 18   2.7  200.1       85   1.8   51.3      152   5.4   15.6
 19   2.7  199.7       86   1.5   51.8      153   5.2   17.4
 20   2.7  199.4       87   1.5   47.7      154   5.1   17.8
 21   2.7  199.0       88   1.7   43.0      155   5.2   18.2
 22   2.7  198.6       89   2.1   38.1      156   5.3   18.5
 23   2.8  197.9       90   2.2   36.9      157   5.3   18.6
 24   2.8  197.3       91   2.2   35.5      158   5.4   18.9
 25   2.8  196.3       92   2.2   34.0      159   5.4   19.0
 26   2.8  195.4       93   2.3   32.7      160   5.3   18.8
 27   2.8  194.3       94   2.5   33.5      161   5.3   21.5
 28   2.8  193.3       95   2.6   34.8      162   5.3   23.0
 29   2.9  192.2       96   2.6   35.3      163   5.2   23.3
 30   2.9  191.2       97   2.7   34.3      164   5.1   23.5
 31   2.9  190.4       98   2.9   33.4      165   5.3   24.1
 32   2.9  189.6       99   2.9   32.3      166   5.5   24.5
 33   2.9  188.8      100   3.0   30.1      167   5.5   24.3
 34   2.8  188.9      101   3.1   30.0      168   5.3   23.8
 35   2.7  189.5      102   3.2   30.1      169   5.3   23.7
 36   2.7  190.5      103   3.2   29.9      170   5.7   24.0
 37   2.6  192.4      104   3.1   29.9      171   5.4   23.7
 38   2.5  194.9      105   3.0   29.5      172   5.0   23.4
 39   2.5  196.0      106   2.9   29.1      173   4.8   23.2
 40   2.5  197.3      107   2.7   28.9      174   4.8   23.2
 41   2.5  198.3      108   2.7   28.8      175   4.8   23.1
 42   2.5  199.1      109   2.7   26.8      176   4.8   23.0
 43   2.4  200.1      110   2.7   23.7      177   4.9   22.9
 44   2.4  201.3      111   2.7   20.5      178   4.9   22.8
 45   2.4  202.2      112   2.9   17.9      179   5.1   23.0
 46   2.4  203.1      113   3.0   15.6      180   5.2   23.0
 47   2.3  204.0      114   3.2   16.0      181   5.2   23.0
 48   2.3  204.9      115   3.2   16.2      182   5.2   23.1
 49   2.3  205.8      116   3.2   15.6      183   5.2   23.1
 50   2.3  206.6      117   2.9   14.7      184   5.1   23.0
 51   2.3  207.4      118   2.9   14.7      185   5.1   22.9
 52   2.3  208.0      119   3.1   15.3      186   5.0   23.0
 53   2.3  208.5      120   3.3   15.9      187   4.7   22.9
 54   2.3  208.9      121   3.5   16.3      188   4.4   22.8
 55   2.3  209.3      122   3.7   16.7      189   4.3   22.6
 56   2.3  209.6      123   3.9   16.9      190   4.2   24.3
 57   2.3  210.0      124   3.9   16.8      191   4.1   27.6
 58   2.2  210.5      125   4.1   15.9      192   3.9   28.6
 59   2.2  210.8      126   3.9   14.1      193   3.8   28.5
 60   2.2  212.5      127   3.7   12.5      194   3.6   28.5
 61   2.1  212.6      128   3.9   12.4      195   3.4   28.3
 62   2.0  212.6      129   4.5   13.7      196   3.2   25.3
 63   1.9  212.8      130   4.3   14.2      197   3.0   19.0
 64   1.8  212.1      131   4.2   15.4      198   3.0   15.9
 65   1.7  211.2      132   4.6   14.9
 66   1.5  209.8      133   4.3   14.0
```

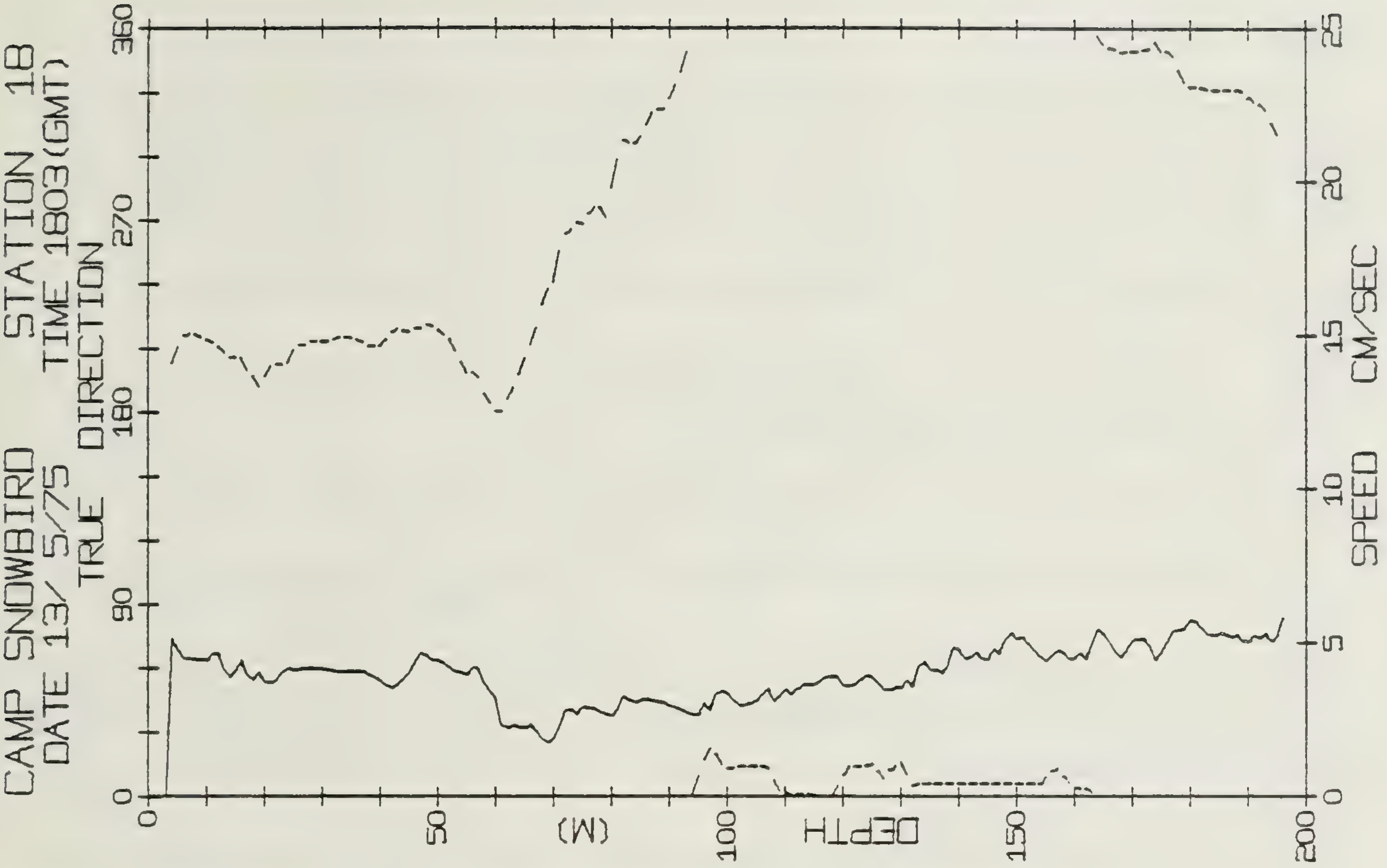

CAMP SNOWBIRD STATION 15
DATE 12/ 5/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 16
DATE 12/ 5/75 TIME 1831(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION  15     (196M.)      12/MAY/75       544 GMT
LAT= 76 2602N  LONG= 147.5679W  LTER=     1   LGER=     2
NIVEL=  -4.0   EIVEL=  -4.5     NVER=     0   EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    4.3   184.6      134    8.9   108.9
  1    0.0   999.9       68    4.2   184.1      135    9.0   108.6
  2    0.0   999.9       69    4.1   183.6      136    9.1   108.4
  3    0.0   999.9       70    4.1   178.3      137    9.1   108.1
  4    4.5   233.8       71    4.1   171.8      138    9.2   107.8
  5    4.5   234.0       72    4.2   165.6      139    9.4   107.5
  6    4.5   234.0       73    4.4   158.7      140    9.5   107.1
  7    4.5   233.5       74    4.7   152.6      141    9.5   107.0
  8    4.4   234.4       75    4.9   148.9      142    9.6   107.0
  9    4.4   236.1       76    5.0   148.6      143    9.6   106.9
 10    4.4   237.4       77    5.0   148.2      144    9.6   106.8
 11    4.4   237.9       78    5.0   149.3      145    9.6   106.8
 12    4.4   233.2       79    4.9   147.2      146    9.7   106.7
 13    4.4   232.3       80    5.0   143.3      147    9.7   106.6
 14    4.5   232.0       81    4.9   142.4      148    9.7   106.4
 15    4.5   232.3       82    5.0   140.0      149    9.8   106.3
 16    4.5   232.5       83    5.3   137.8      150    9.8   106.2
 17    4.5   232.8       84    5.5   136.4      151    9.9   106.0
 18    4.4   232.9       85    5.6   136.6      152    9.9   106.0
 19    4.4   232.0       86    5.6   137.2      153    9.9   105.9
 20    4.3   230.5       87    5.5   137.7      154   10.0   105.6
 21    4.2   227.6       88    5.5   135.3      155   10.2   106.9
 22    4.2   222.9       89    5.6   132.0      156   10.4   108.5
 23    4.5   218.7       90    5.7   128.8      157   10.5   108.8
 24    4.7   218.2       91    5.6   127.1      158   10.3   109.3
 25    4.8   218.5       92    5.6   127.2      159   10.1   109.8
 26    4.9   219.1       93    5.8   125.4      160   10.0   110.1
 27    4.9   218.9       94    6.0   123.5      161    9.9   110.4
 28    4.9   218.9       95    6.2   122.2      162    9.9   110.6
 29    4.8   218.9       96    6.4   120.9      163    9.9   110.7
 30    4.8   218.9       97    6.5   118.7      164   10.0   110.5
 31    4.8   219.0       98    6.6   116.7      165   10.2   110.3
 32    4.7   219.1       99    6.6   115.3      166   10.5   110.0
 33    4.7   219.1      100    6.8   114.7      167   10.6   109.9
 34    4.7   219.2      101    6.9   114.8      168   10.8   109.8
 35    4.6   219.3      102    7.1   115.6      169   10.9   110.0
 36    4.6   219.7      103    7.1   116.6      170   10.9   110.8
 37    4.6   220.7      104    7.2   117.9      171   10.9   111.7
 38    4.6   221.8      105    7.3   118.6      172   10.9   112.6
 39    4.6   220.2      106    7.4   119.0      173   11.0   113.2
 40    4.7   216.4      107    7.4   120.1      174   11.4   113.0
 41    4.9   214.2      108    7.4   120.9      175   11.9   112.9
 42    4.8   215.5      109    7.3   121.2      176   12.2   113.0
 43    4.7   217.0      110    7.2   121.7      177   12.4   113.4
 44    4.8   215.4      111    7.1   122.1      178   12.4   114.1
 45    4.8   214.4      112    7.1   122.2      179   12.3   114.7
 46    4.8   215.1      113    7.3   121.3      180   12.3   115.3
 47    4.7   216.6      114    7.4   120.6      181   12.1   116.1
 48    4.6   218.3      115    7.5   120.3      182   11.9   116.9
 49    4.6   219.1      116    7.6   119.2      183   11.7   117.9
 50    4.6   217.9      117    7.5   117.0      184   11.7   118.5
 51    4.7   215.5      118    7.6   115.7      185   11.7   118.8
 52    4.7   214.4      119    7.8   116.7      186   11.6   118.9
 53    4.7   214.4      120    8.0   117.7      187   11.6   119.0
 54    4.6   215.5      121    8.2   117.0      188   11.4   119.4
 55    4.5   218.5      122    8.3   116.4      189   11.2   119.8
 56    4.5   217.6      123    8.4   115.8      190   10.9   119.7
 57    4.9   213.2      124    8.4   116.0      191   10.6   119.4
 58    4.8   204.1      125    8.3   116.3      192   10.3   119.9
 59    4.6   190.3      126    8.1   116.6      193   10.1   120.4
 60    4.5   181.1      127    8.1   116.8      194    9.8   121.0
 61    4.5   173.4      128    8.2   116.6      195    9.6   121.6
 62    4.4   171.3      129    8.3   116.2      196    9.3   122.2
 63    4.5   171.4      130    8.4   113.0
 64    4.4   171.9      131    8.6   109.4
 65    4.4   177.1      132    8.5   106.2
 66    4.3   182.2      133    8.7   108.1
```

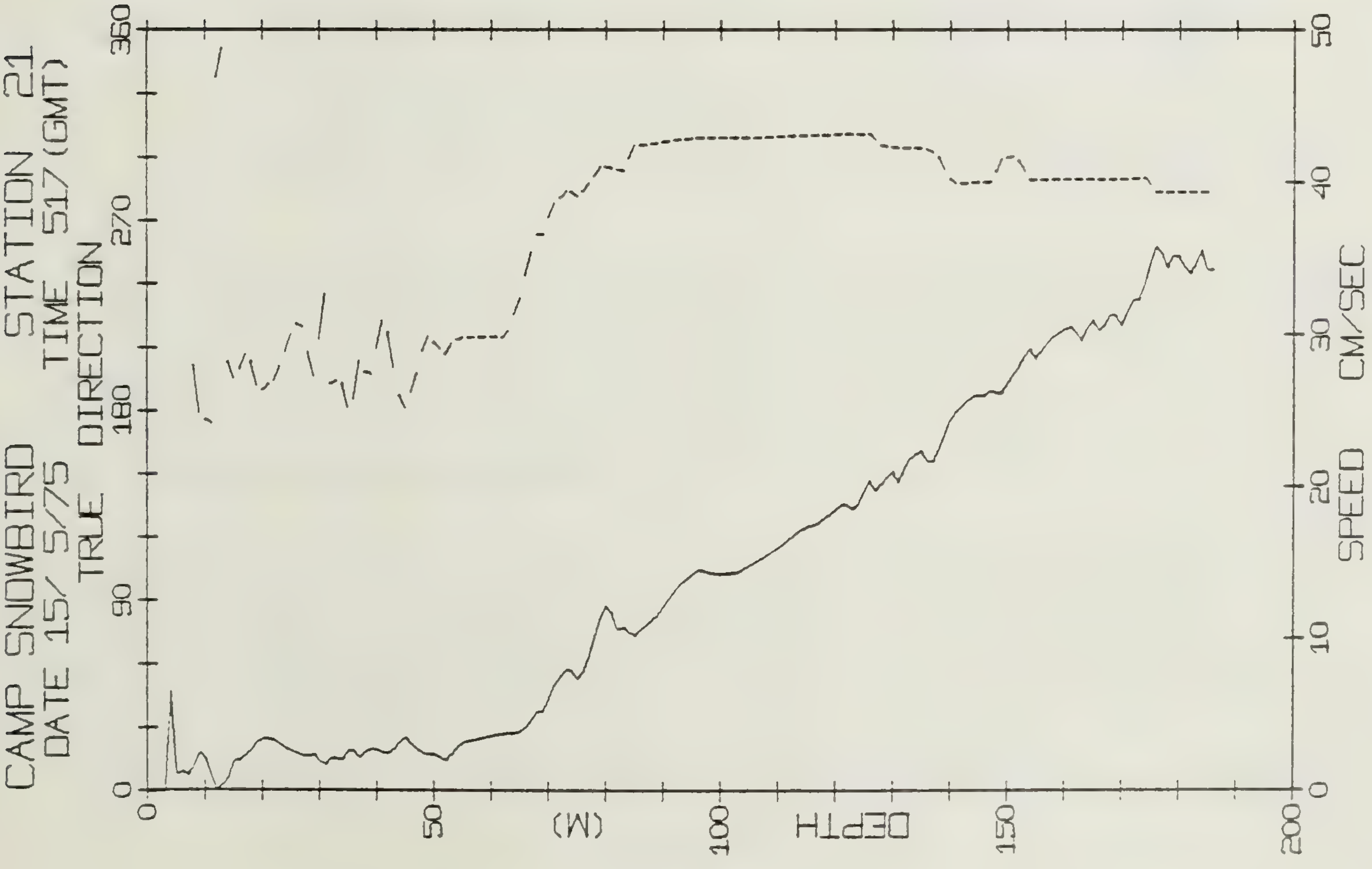
```
SNOWBIRD STATION  16     (196M.)      12/MAY/75      1831 GMT
LAT= 76 2367N  LONG= 147.6099W  LTER=     1   LGER=     2
NIVEL=  -6.0   EIVEL=  -4.8     NVER=     0   EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    2.0   218.2      134    5.7    28.9
  1    0.0   999.9       68    1.5   214.6      135    5.7    29.1
  2    0.0   999.9       69    1.0   207.2      136    5.8    29.2
  3    0.0   999.9       70    0.7   194.4      137    5.9    29.3
  4    5.5   237.8       71    0.5   171.4      138    6.1    29.5
  5    6.1   247.3       72    0.5    98.8      139    6.3    29.6
  6    6.1   247.0       73    1.0    70.3      140    6.7    30.2
  7    5.6   246.5       74    1.5    61.1      141    6.8    30.2
  8    5.3   246.2       75    2.0    56.8      142    6.4    30.0
  9    5.3   247.2       76    2.5    53.7      143    6.8    30.2
 10    5.4   247.6       77    3.0    51.3      144    6.7    30.1
 11    5.4   247.8       78    2.6    51.6      145    6.6    30.3
 12    5.5   248.0       79    2.1    51.7      146    6.5    30.2
 13    5.3   247.3       80    2.5    47.0      147    7.0    30.6
 14    5.2   244.2       81    2.7    46.1      148    7.6    30.9
 15    5.2   237.6       82    2.8    45.5      149    8.0    31.1
 16    5.0   233.3       83    2.9    45.0      150    8.0    31.1
 17    4.5   234.4       84    3.0    44.5      151    7.9    31.2
 18    4.5   235.1       85    2.9    44.3      152    7.7    31.1
 19    4.6   235.8       86    2.8    44.0      153    7.5    31.0
 20    4.8   236.5       87    3.0    38.8      154    7.3    30.9
 21    4.8   238.5       88    3.3    31.1      155    7.0    30.8
 22    4.9   239.6       89    3.3    24.3      156    7.3    31.2
 23    4.8   240.4       90    3.1    23.7      157    7.8    31.4
 24    4.8   241.6       91    2.9    23.2      158    7.6    31.3
 25    4.9   243.0       92    3.0    23.5      159    7.5    31.3
 26    5.2   243.9       93    3.1    23.8      160    7.9    31.4
 27    5.5   244.7       94    3.1    24.0      161    8.3    26.4
 28    5.7   245.1       95    3.2    24.1      162    8.6    21.2
 29    5.8   245.6       96    3.2    24.2      163    8.7    21.4
 30    6.0   246.0       97    3.1    23.9      164    8.8    21.8
 31    6.1   246.2       98    3.2    24.1      165    8.6    21.9
 32    6.1   245.8       99    3.5    24.9      166    8.5    22.0
 33    6.1   244.5      100    3.4    24.8      167    8.3    26.4
 34    5.9   243.0      101    3.2    24.2      168    8.1    32.3
 35    5.7   242.3      102    3.1    23.8      169    7.9    31.4
 36    5.3   241.3      103    3.3    24.4      170    7.6    31.1
 37    5.0   240.1      104    3.5    24.9      171    7.3    30.7
 38    4.8   239.9      105    3.6    25.2      172    7.3    30.7
 39    4.8   239.9      106    3.6    25.2      173    7.7    30.8
 40    4.8   239.9      107    3.6    26.5      174    6.8    30.2
 41    4.8   239.9      108    3.7    32.6      175    7.2    30.3
 42    4.9   239.6      109    3.8    38.5      176    6.4    29.5
 43    4.9   239.2      110    3.7    43.1      177    6.4    29.5
 44    5.0   239.5      111    3.6    43.2      178    6.8    28.3
 45    5.1   240.5      112    3.4    43.3      179    6.9    22.5
 46    5.2   242.6      113    3.3    43.4      180    7.0    17.8
 47    5.3   244.6      114    3.2    43.6      181    7.0    18.0
 48    5.5   246.8      115    3.1    43.7      182    7.0    18.2
 49    5.8   248.7      116    3.5    43.2      183    7.0    18.4
 50    6.1   246.7      117    4.5    42.6      184    7.0    18.6
 51    6.3   244.4      118    5.4    42.1      185    7.0    18.8
 52    6.3   245.5      119    5.3    42.2      186    6.8    18.4
 53    6.2   248.5      120    4.8    42.4      187    6.2    17.7
 54    5.9   251.3      121    4.4    42.6      188    5.6    20.0
 55    5.3   254.7      122    4.3    42.7      189    4.9    24.6
 56    4.2   257.2      123    4.5    42.6      190    4.2    26.7
 57    3.5   253.1      124    4.8    42.4      191    4.4    26.9
 58    3.6   239.3      125    4.9    42.3      192    4.5    27.2
 59    4.0   230.3      126    5.1    39.0      193    4.7    27.5
 60    3.4   230.8      127    5.3    33.6      194    4.8    27.5
 61    2.7   230.6      128    5.6    28.3      195    4.5    27.1
 62    2.5   229.9      129    5.5    28.5      196    4.3    26.7
 63    2.3   228.7      130    5.4    28.5
 64    2.5   225.2      131    6.0    29.2
 65    2.6   221.7      132    6.0    29.1
 66    2.5   220.2      133    5.7    28.9
```

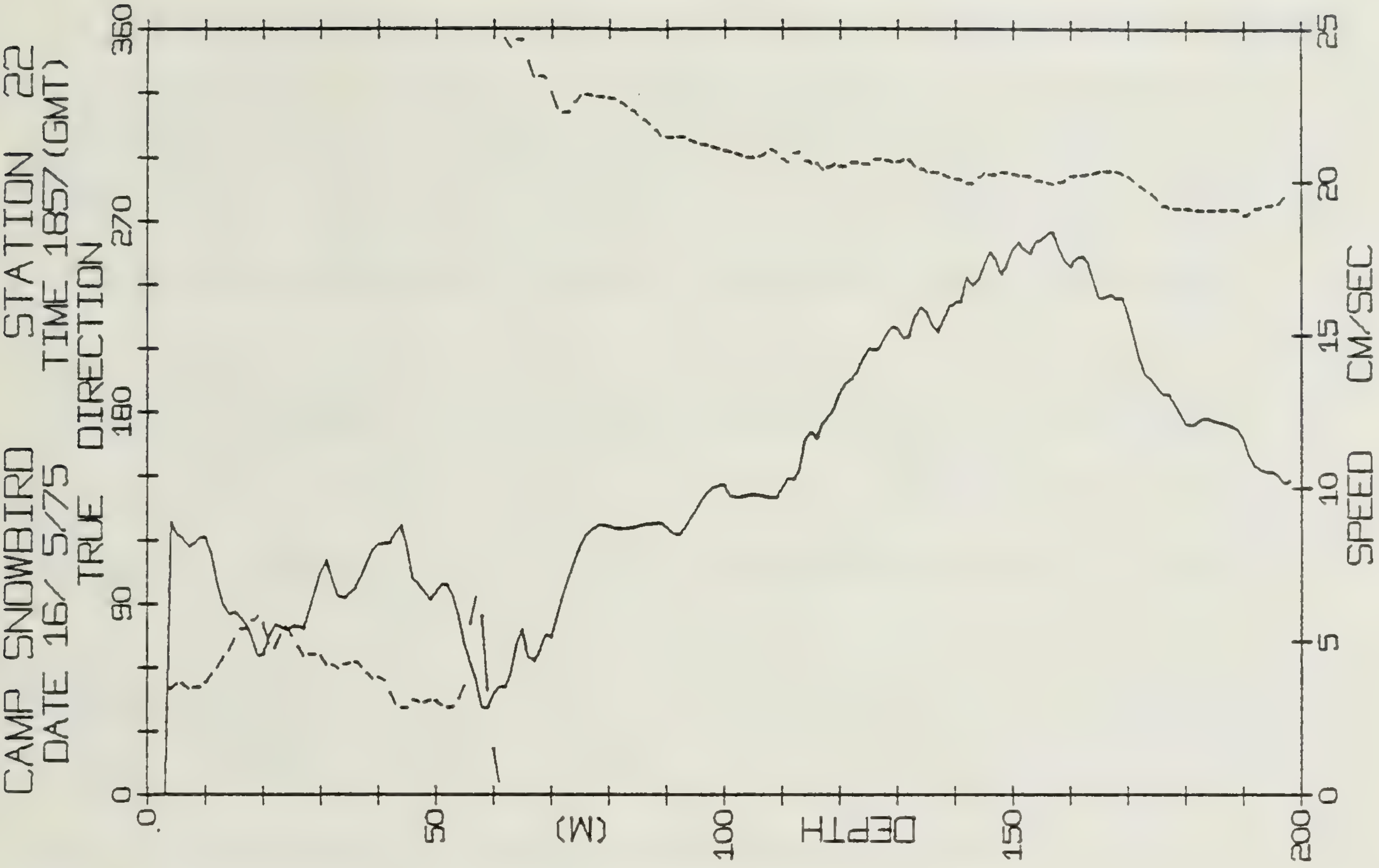

CAMP SNOWBIRD STATION 17
DATE 13/ 5/75 TIME 545(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 18
DATE 13/ 5/75 TIME 1803(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  17      (198M )       13/MAY/75        545 GMT
LAT= 76.2059N  LONG= 147.6921W  LTER=     1    LGER=      2
NIVEL=   7.3   EIVEL=  -5.6     NVER=     0    EVER=      0

 DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
   0   0.0  999.9       67   2.2  188.1      134   3.3    5.4
   1   0.0  999.9       68   2.1  189.7      135   3.6    7.2
   2   0.0  999.9       69   1.8  188.4      136   3.9    9.4
   3   0.0  999.9       70   1.5  188.1      137   3.8   12.7
   4   6.7  233.1       71   1.3  191.6      138   3.7   15.6
   5   5.8  239.3       72   1.4  202.6      139   3.4   11.9
   6   5.3  240.4       73   1.6  204.6      140   3.6    5.7
   7   5.4  238.7       74   1.8  206.5      141   3.6    1.1
   8   5.6  237.3       75   1.6  201.7      142   3.5  359.0
   9   5.7  236.8       76   1.1  186.7      143   3.6    0.6
  10   5.8  237.3       77   1.0  197.0      144   3.7    1.5
  11   5.4  237.3       78   1.0  192.6      145   3.6    0.4
  12   5.0  235.7       79   1.1  196.4      146   3.6  359.8
  13   4.9  232.4       80   1.3  229.2      147   3.8    0.8
  14   4.8  225.6       81   1.4  251.1      148   3.9    1.4
  15   4.8  220.5       82   1.0  251.9      149   4.0    1.9
  16   4.5  217.4       83   0.9  245.4      150   4.0    1.8
  17   4.3  216.1       84   0.9  264.8      151   3.9    1.3
  18   4.3  215.7       85   1.6  285.4      152   3.6    0.2
  19   4.2  216.3       86   3.5  277.3      153   3.7    0.5
  20   4.6  218.3       87   2.4  292.1      154   3.8    4.1
  21   4.9  218.8       88   1.6  310.9      155   3.6    6.9
  22   4.5  217.8       89   1.7  319.8      156   3.3    9.8
  23   4.1  217.3       90   1.9  323.4      157   3.4    7.5
  24   3.8  218.4       91   2.1  326.2      158   3.5    5.5
  25   3.6  220.1       92   2.1  329.1      159   3.4    1.0
  26   3.8  221.8       93   1.8  334.1      160   3.2  356.8
  27   4.0  223.7       94   1.5  341.0      161   3.1  356.0
  28   4.1  227.2       95   1.5  355.2      162   3.1  355.9
  29   3.9  225.7       96   1.7    2.3      163   3.0  355.8
  30   3.6  223.6       97   1.8    4.3      164   3.0  356.8
  31   3.8  222.1       98   1.9    6.3      165   3.3  359.4
  32   4.2  218.4       99   2.0    7.6      166   3.5    0.5
  33   4.7  216.4      100   2.2    9.4      167   3.5  359.7
  34   4.4  214.7      101   2.3   10.6      168   3.6  359.4
  35   4.1  214.6      102   2.4   12.0      169   3.8  359.6
  36   3.9  214.7      103   2.6   13.0      170   4.0  359.5
  37   3.7  215.6      104   2.6   12.9      171   4.1  359.1
  38   3.6  216.0      105   2.5   12.4      172   4.1  358.9
  39   3.6  215.8      106   2.4   11.1      173   4.1    0.2
  40   3.5  215.8      107   2.3    9.9      174   3.8  358.7
  41   3.6  216.6      108   2.2    8.3      175   3.6  356.9
  42   3.7  218.7      109   2.2    4.5      176   3.3  354.7
  43   3.7  220.5      110   2.1  359.9      177   3.4  353.9
  44   3.7  221.9      111   2.1  355.9      178   3.5  348.8
  45   3.7  223.5      112   2.4  356.6      179   3.5  343.3
  46   3.9  225.1      113   2.6  358.3      180   3.5  341.2
  47   4.1  226.5      114   2.7  359.3      181   3.5  341.4
  48   4.3  227.5      115   2.7  359.6      182   3.4  339.6
  49   4.4  228.1      116   2.8    0.7      183   3.6  335.8
  50   4.5  227.3      117   3.0    2.9      184   3.7  332.6
  51   4.4  225.7      118   3.3    5.1      185   4.0  329.8
  52   4.2  222.5      119   3.3    5.0      186   4.2  328.0
  53   4.2  211.2      120   3.3    4.6      187   4.6  327.2
  54   4.7  208.8      121   3.2    7.3      188   4.6  327.8
  55   5.0  210.5      122   3.2   11.3      189   4.4  328.9
  56   4.5  209.9      123   3.2   14.8      190   4.2  328.7
  57   4.7  208.1      124   3.0   14.4      191   3.9  327.8
  58   4.8  208.8      125   3.1   14.5      192   3.7  325.5
  59   4.1  211.3      126   3.1   14.5      193   3.6  324.1
  60   3.3  206.4      127   3.0   14.0      194   3.5  322.6
  61   2.3  192.3      128   2.8   13.2      195   3.4  323.2
  62   1.8  177.1      129   2.7    9.2      196   3.5  328.4
  63   1.4  171.1      130   2.7    3.6      197   3.5  333.4
  64   1.1  169.2      131   3.0    3.4      198   3.5  333.4
  65   1.5  189.8      132   3.2    5.3
  66   2.0  192.9      133   3.2    5.0
```

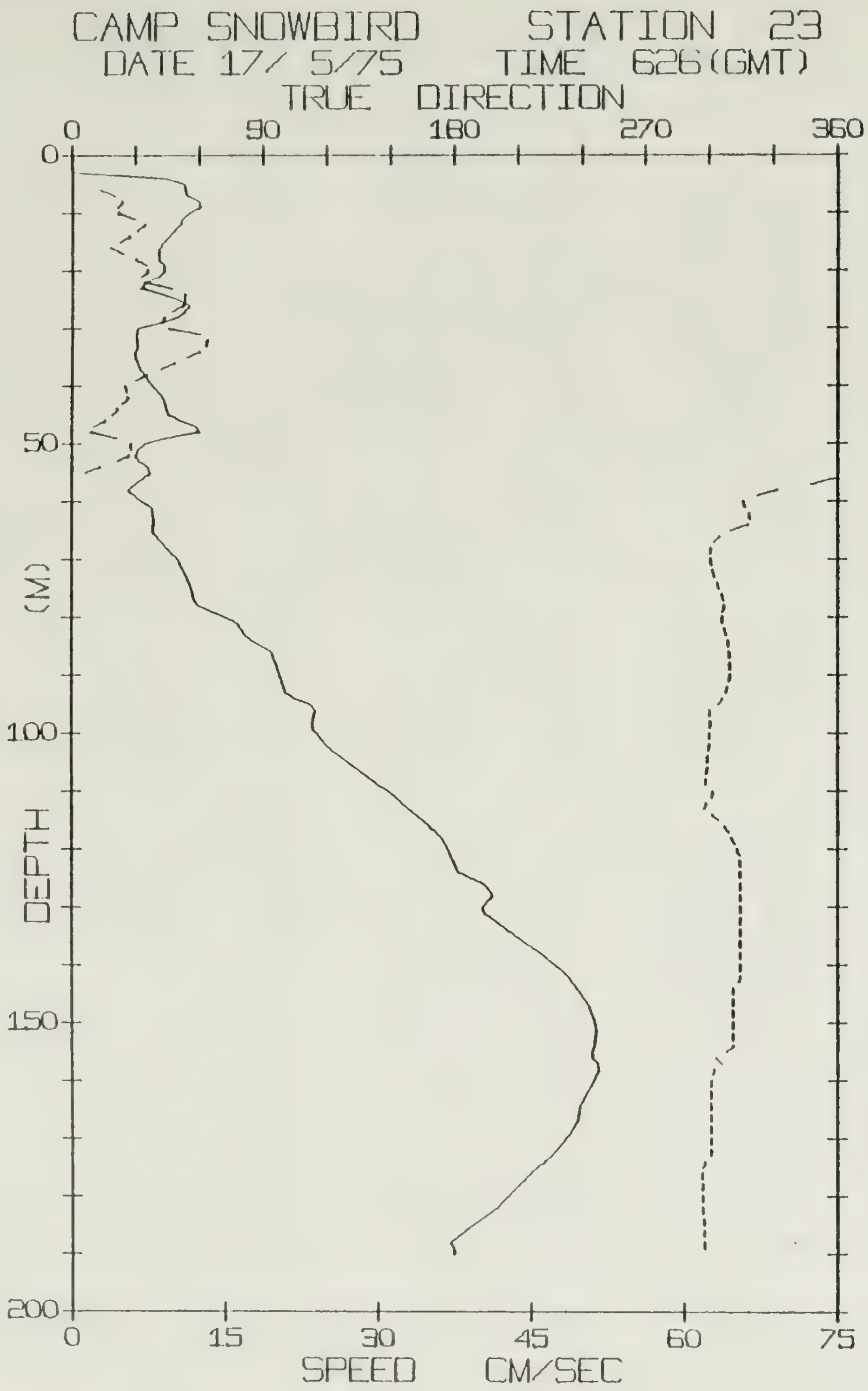
```
SNOWBIRD STATION  18      (196M.)       13/MAY/75       1803 GMT
LAT= 76.1702N  LONG= 147.7269W  LTER=     0    LGER=      1
NIVEL=  -7.6   EIVEL=  -1.0     NVER=     0.   EVER=      0.

 DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
   0   0.0  999.9       67   2.1  219.6      134   4.4    6.1
   1   0.0  999.9       68   1.9  230.2      135   4.1    6.1
   2   0.0  999.9       69   1.8  237.7      136   4.1    6.2
   3   0.0  999.9       70   1.9  240.9      137   4.0    6.1
   4   5.1  203.1       71   2.2  255.2      138   4.2    5.9
   5   4.8  210.2       72   2.8  263.5      139   4.8    5.8
   6   4.5  215.6       73   2.8  265.5      140   4.8    5.9
   7   4.5  216.9       74   2.7  268.7      141   4.5    6.0
   8   4.4  216.1       75   2.9  267.9      142   4.5    5.9
   9   4.4  214.8       76   2.9  272.8      143   4.7    5.9
  10   4.4  213.7       77   2.8  275.6      144   4.5    6.1
  11   4.6  212.4       78   2.8  275.7      145   4.5    6.2
  12   4.6  210.7       79   2.7  271.5      146   4.8    5.8
  13   4.1  208.2       80   2.6  284.9      147   4.7    6.0
  14   3.9  205.8       81   2.8  298.4      148   5.1    5.8
  15   4.1  205.5       82   3.3  307.4      149   5.3    6.1
  16   4.4  205.0       83   3.1  306.3      150   5.2    5.8
  17   3.9  199.7       84   3.0  306.0      151   5.2    5.7
  18   3.8  196.6       85   3.2  308.9      152   5.0    5.8
  19   4.0  192.3       86   3.2  314.7      153   4.7    5.7
  20   3.7  196.7       87   3.1  320.0      154   4.6    5.9
  21   3.7  201.1       88   3.1  321.6      155   4.4    8.7
  22   3.8  202.2       89   3.0  322.5      156   4.6   11.8
  23   4.0  202.0       90   2.9  327.0      157   4.8   13.0
  24   4.2  203.1       91   2.9  333.3      158   4.7    9.6
  25   4.1  209.1       92   2.8  339.6      159   4.5    6.7
  26   4.1  211.4       93   2.7  348.7      160   4.5    4.1
  27   4.2  211.4       94   2.6    1.5      161   4.7    3.5
  28   4.2  213.0       95   2.7    9.5      162   4.5    3.7
  29   4.1  213.3       96   3.1   17.0      163   4.9    1.9
  30   4.1  213.2       97   2.8   22.4      164   5.4  356.7
  31   4.1  213.6       98   3.4   19.9      165   5.3  352.6
  32   4.1  214.4       99   3.4   15.2      166   5.0  350.8
  33   4.0  215.2      100   3.3   13.1      167   4.7  350.0
  34   4.1  215.2      101   3.1   13.7      168   4.5  349.0
  35   4.1  214.3      102   3.0   14.4      169   4.8  349.6
  36   4.1  213.5      103   3.0   14.3      170   5.1  349.7
  37   4.1  212.5      104   3.1   14.1      171   5.1  349.8
  38   4.0  211.1      105   3.1   14.0      172   5.1  350.3
  39   3.9  210.9      106   3.3   13.9      173   4.9  351.0
  40   3.8  211.4      107   3.5   13.1      174   4.4  353.4
  41   3.6  214.0      108   3.1    7.3      175   4.7  349.5
  42   3.5  217.6      109   3.3    2.7      176   5.1  349.7
  43   3.7  219.2      110   3.5    1.7      177   5.4  347.4
  44   3.8  217.9      111   3.3    0.7      178   5.5  340.9
  45   4.0  217.3      112   3.5    1.2      179   5.5  335.2
  46   4.3  219.0      113   3.6    1.6      180   5.7  333.2
  47   4.7  219.6      114   3.6    0.9      181   5.7  333.3
  48   4.6  221.2      115   3.7    0.4      182   5.5  332.4
  49   4.4  220.2      116   3.8    0.2      183   5.3  331.5
  50   4.4  218.4      117   3.9  360.0      184   5.2  331.3
  51   4.3  216.2      118   3.9    0.5      185   5.3  331.7
  52   4.2  213.9      119   3.9    4.8      186   5.3  331.6
  53   4.1  209.0      120   3.6   10.0      187   5.2  331.2
  54   4.0  203.7      121   3.6   13.9      188   5.3  331.4
  55   3.9  198.7      122   3.7   14.0      189   5.1  330.5
  56   4.2  198.7      123   3.8   14.4      190   5.0  327.7
  57   4.1  196.2      124   3.9   14.6      191   5.2  325.9
  58   3.7  188.7      125   3.9   15.4      192   5.2  324.4
  59   3.4  184.7      126   3.7   11.9      193   5.3  322.1
  60   3.2  180.8      127   3.5    8.3      194   5.0  316.0
  61   2.3  180.6      128   3.5   12.1      195   5.2  310.9
  62   2.2  186.3      129   3.5   14.1      196   5.8  310.3
  63   2.3  191.1      130   3.6   16.0
  64   2.2  197.6      131   3.8   10.6
  65   2.2  204.9      132   3.6    5.3
  66   2.3  211.5      133   4.2    6.2
```

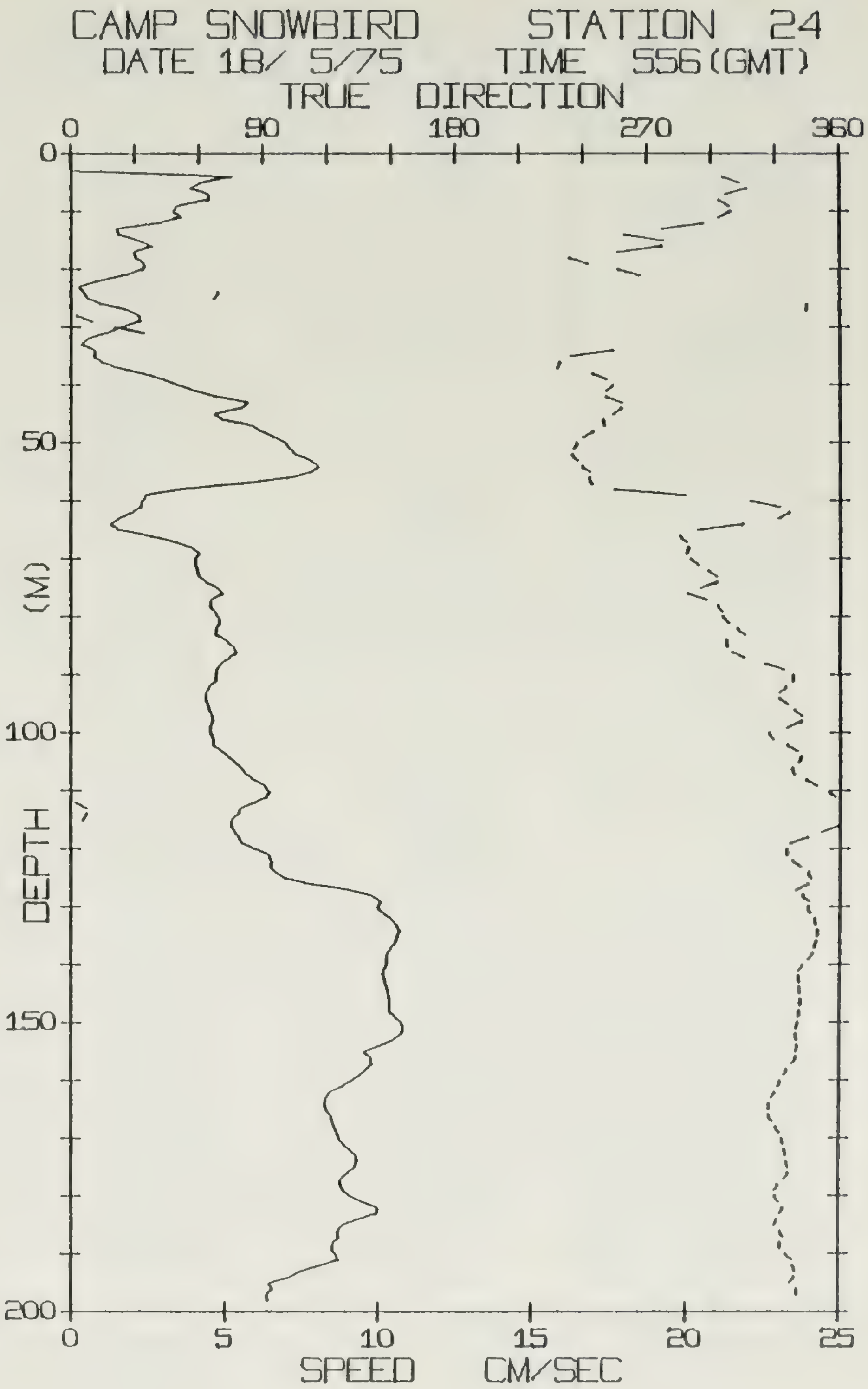

CAMP SNOWBIRD STATION 21
DATE 15/ 5/75 TIME 517(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
10
20
30
40
50
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 22
DATE 16/ 5/75 TIME 1857(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0.
50
100
150
200

```
SNOWBIRD STATION  21     (186M )     15/MAY/75       517 GMT
LAT= 76.1029N  LONG= 147.4363W  LTER=     0   LCER=     0
NIVEL=  -9.7   EIVEL=    5.1    NVER=     0   EVER=     0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0.0   999.9       67     4.6   254.8      134    22.1   304.0
  1     0.0   999.9       68     5.2   263.2      135    22.4   303.8
  2     0.0   999.9       69     5.2   263.3      136    21.7   303.4
  3     0.0   999.9       70     6.0   271.2      137    21.7   301.9
  4     6.5   165.8       71     6.9   277.9      138    22.4   299.6
  5     1.1    10.0       72     7.4   280.9      139    23.3   294.6
  6     1.3   312.0       73     8.0   283.4      140    24.3   289.6
  7     1.0   254.4       74     7.9   283.5      141    24.9   287.7
  8     1.6   201.3       75     7.4   281.6      142    25.3   287.9
  9     2.5   179.3       76     7.7   283.6      143    25.6   288.0
 10     2.2   175.7       77     8.8   287.5      144    25.9   288.2
 11     1.0   174.1       78    10.0   291.1      145    25.9   288.2
 12     0.1   337.6       79    11.3   295.2      146    26.0   288.2
 13     0.4   351.4       80    12.1   295.2      147    26.3   288.4
 14     0.8   202.9       81    11.7   294.5      148    26.2   293.0
 15     1.9   195.3       82    10.6   293.6      149    26.2   298.9
 16     2.0   199.4       83    10.8   293.4      150    26.7   299.8
 17     2.3   206.3       84    10.5   299.4      151    27.3   300.6
 18     2.6   203.0       85    10.2   305.6      152    27.9   298.3
 19     3.2   192.1       86    10.6   305.7      153    28.6   293.9
 20     3.4   189.9       87    10.9   306.1      154    29.1   289.6
 21     3.3   192.1       88    11.2   306.5      155    28.5   289.3
 22     3.3   194.0       89    11.6   306.8      156    28.9   289.4
 23     3.0   200.6       90    12.1   307.4      157    29.5   289.6
 24     2.8   207.8       91    12.6   307.7      158    29.9   289.8
 25     2.6   216.0       92    13.2   308.2      159    30.1   289.9
 26     2.4   220.9       93    13.6   308.5      160    30.4   289.8
 27     2.3   219.6       94    13.9   308.8      161    30.5   289.9
 28     2.3   207.9       95    14.2   309.0      162    30.2   289.8
 29     2.4   196.7       96    14.5   309.2      163    29.6   289.4
 30     1.9   213.8       97    14.4   309.0      164    30.4   289.7
 31     1.7   235.2       98    14.3   308.9      165    31.0   289.9
 32     2.1   193.1       99    14.2   308.8      166    30.3   289.5
 33     2.0   194.5      100    14.3   308.9      167    30.6   289.6
 34     2.1   192.8      101    14.3   308.9      168    31.3   289.9
 35     2.6   181.6      102    14.4   308.9      169    31.2   289.9
 36     2.5   185.2      103    14.4   308.9      170    30.6   289.5
 37     2.2   203.5      104    14.6   308.9      171    31.5   289.8
 38     2.5   198.4      105    14.8   309.1      172    32.2   290.1
 39     2.8   197.1      106    15.1   309.2      173    32.3   290.0
 40     2.6   209.4      107    15.3   309.4      174    33.2   290.2
 41     2.5   222.3      108    15.5   309.5      175    34.6   287.4
 42     2.5   217.4      109    15.7   309.6      176    35.0   283.7
 43     2.7   206.6      110    16.0   309.8      177    35.4   283.7
 44     3.2   187.5      111    16.3   309.8      178    34.4   283.4
 45     3.5   181.6      112    16.6   309.9      179    35.2   283.6
 46     3.1   188.5      113    16.9   310.1      180    35.1   283.6
 47     2.7   197.4      114    17.2   310.3      181    34.5   283.4
 48     2.5   208.2      115    17.4   310.3      182    34.0   283.3
 49     2.3   214.9      116    17.5   310.4      183    34.7   283.5
 50     2.4   212.4      117    17.6   310.3      184    35.5   283.7
 51     2.2   209.7      118    17.9   310.4      185    34.3   283.3
 52     2.0   207.2      119    18.2   310.6      186    34.3   283.3
 53     2.4   211.2      120    18.5   310.7
 54     2.0   213.7      121    18.8   310.8
 55     3.2   214.8      122    18.8   310.8
 56     3.3   215.0      123    18.5   310.6
 57     3.4   214.9      124    18.9   310.7
 58     3.5   215.0      125    19.6   311.0
 59     3.6   215.1      126    20.4   310.8
 60     3.6   215.3      127    19.8   308.2
 61     3.7   214.7      128    20.2   305.6
 62     3.8   214.8      129    20.6   304.6
 63     3.8   217.9      130    21.0   304.4
 64     3.8   225.4      131    20.3   304.0
 65     3.9   232.8      132    21.1   304.0
 66     4.2   244.4      133    21.8   304.2
```

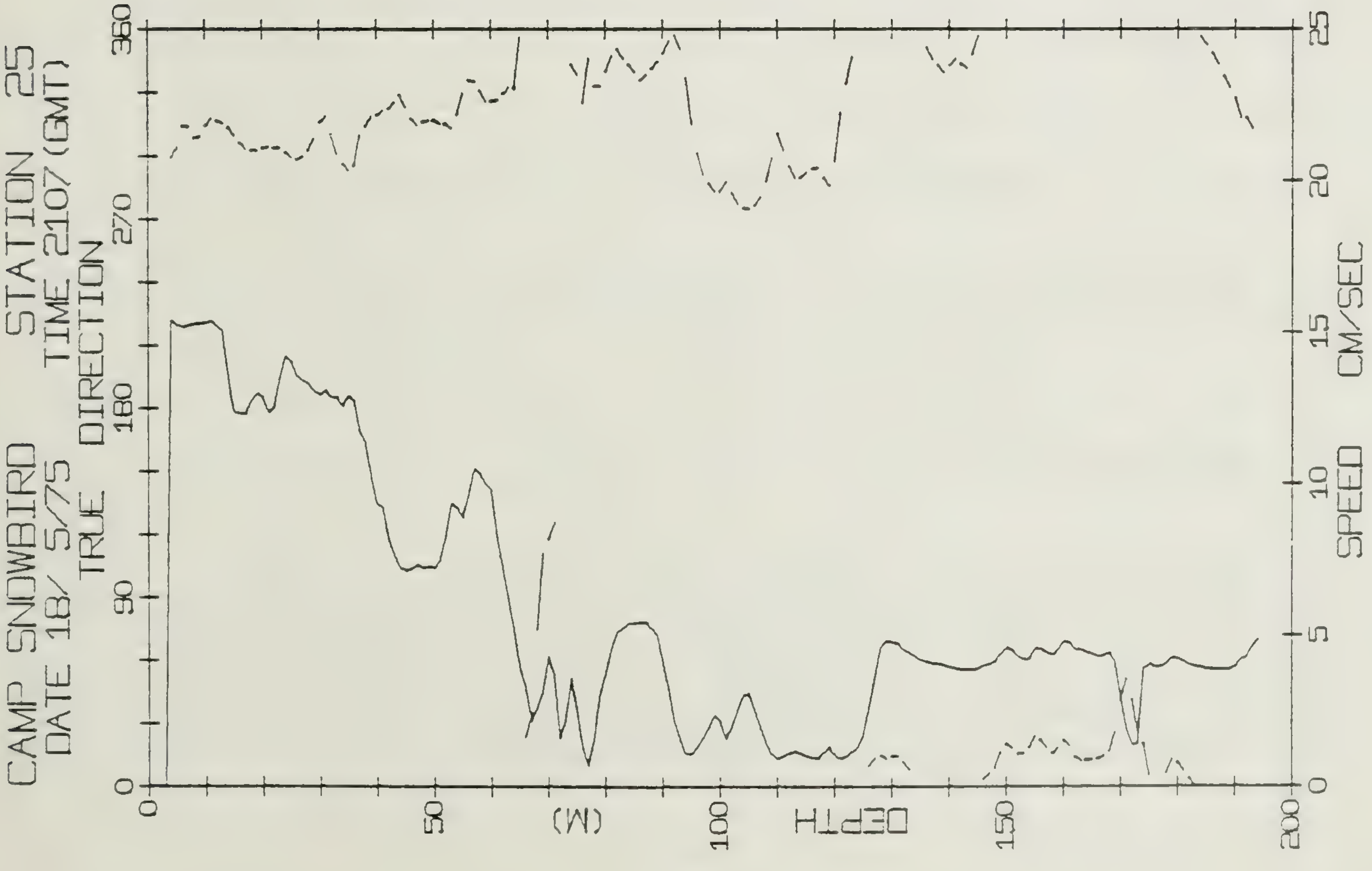
```
SNOWBIRD STATION  22     (198M.)     16/MAY/75      1857 GMT
LAT= 76.0827N  LONG= 147.3889W  LTER=     1.  LCER=     2
NIVEL=  10.5   EIVEL=    0.7    NVER=     0.  EVER=     0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0.0   999.9       67     4.4   337.4      134    15.9   294.2
  1     0.0   999.9       68     4.7   338.2      135    15.8   292.6
  2     0.0   999.9       69     5.2   336.9      136    15.3   292.4
  3     0.0   999.9       70     5.1   330.3      137    15.1   292.2
  4     8.9    50.4       71     5.8   322.9      138    15.5   291.1
  5     8.5    52.6       72     6.5   320.6      139    16.0   290.0
  6     8.4    52.1       73     7.1   321.3      140    16.1   289.3
  7     8.1    50.1       74     7.6   325.3      141    16.1   288.8
  8     8.2    50.6       75     8.1   328.4      142    16.9   287.2
  9     8.4    51.2       76     8.5   329.1      143    16.6   287.6
 10     8.4    52.9       77     8.7   328.4      144    16.8   290.2
 11     7.8    56.6       78     8.8   327.8      145    17.3   292.5
 12     6.9    60.1       79     8.8   327.7      146    17.7   291.5
 13     6.2    64.4       80     8.7   327.2      147    17.5   291.8
 14     5.9    67.9       81     8.7   326.7      148    17.0   292.9
 15     6.0    73.1       82     8.7   325.3      149    17.3   292.6
 16     5.8    77.6       83     8.7   323.6      150    17.8   291.9
 17     5.6    79.2       84     8.8   321.7      151    18.0   290.9
 18     5.1    82.0       85     8.8   319.5      152    17.8   290.8
 19     4.6    83.9       86     8.8   317.4      153    17.6   290.4
 20     4.6    80.6       87     8.9   315.0      154    18.1   289.0
 21     5.2    71.4       88     8.9   312.4      155    18.2   288.2
 22     5.6    69.2       89     8.9   309.6      156    18.4   287.5
 23     5.5    75.0       90     8.7   308.7      157    18.4   286.8
 24     5.4    79.2       91     8.5   309.2      158    17.9   288.1
 25     5.5    74.6       92     8.5   309.4      159    17.5   287.1
 26     5.5    69.7       93     8.7   309.0      160    17.2   290.8
 27     5.4    65.5       94     9.0   307.5      161    17.5   291.7
 28     6.0    66.2       95     9.3   306.3      162    17.6   291.8
 29     6.7    66.4       96     9.6   305.5      163    17.4   292.0
 30     7.3    64.9       97     9.9   304.8      164    16.8   292.6
 31     7.7    61.1       98    10.0   304.2      165    16.2   293.4
 32     7.0    61.2       99    10.1   303.4      166    16.3   293.3
 33     6.5    59.5      100    10.1   302.6      167    16.4   293.3
 34     6.4    61.5      101     9.7   302.0      168    16.2   293.0
 35     6.6    62.3      102     9.7   301.4      169    16.2   291.7
 36     6.8    62.7      103     9.7   300.2      170    15.7   290.5
 37     7.1    60.4      104     9.8   299.4      171    15.0   288.4
 38     7.6    57.3      105     9.8   299.9      172    14.3   286.2
 39     8.0    54.5      106     9.8   300.5      173    13.7   284.4
 40     8.2    55.4      107     9.7   301.8      174    13.6   282.6
 41     8.2    53.8      108     9.7   303.2      175    13.3   280.2
 42     8.3    48.4      109     9.7   302.0      176    13.1   277.5
 43     8.6    43.1      110    10.0   299.3      177    13.1   276.1
 44     8.8    41.1      111    10.3   296.9      178    12.8   275.7
 45     8.1    40.9      112    10.3   301.7      179    12.4   275.8
 46     7.0    44.8      113    10.6   302.7      180    12.1   275.8
 47     6.9    43.6      114    11.6   298.0      181    12.1   274.9
 48     6.6    43.9      115    11.8   296.8      182    12.2   274.8
 49     6.4    45.0      116    11.6   296.5      183    12.3   274.7
 50     6.6    44.2      117    12.1   293.9      184    12.3   275.0
 51     6.9    42.0      118    12.4   295.0      185    12.2   275.3
 52     6.8    41.3      119    12.6   296.5      186    12.1   275.4
 53     6.5    42.2      120    13.1   295.1      187    12.1   275.5
 54     5.9    45.4      121    13.5   295.1      188    12.0   275.6
 55     4.9    51.8      122    13.6   296.9      189    11.9   274.6
 56     4.3    80.0      123    13.8   297.2      190    11.6   272.5
 57     3.8    93.2      124    14.2   296.3      191    11.1   273.8
 58     2.9    84.1      125    14.6   296.3      192    10.7   275.6
 59     2.8    49.3      126    14.5   298.7      193    10.6   276.5
 60     3.3    22.1      127    14.6   299.6      194    10.5   277.2
 61     3.6     6.4      128    15.0   298.2      195    10.5   277.7
 62     3.5   355.5      129    15.3   297.3      196    10.4   278.4
 63     4.0   351.3      130    15.2   297.6      197    10.2   280.9
 64     4.9   354.7      131    14.9   298.8      198    10.3   283.6
 65     5.4   355.3      132    15.0   298.4
 66     4.5   345.0      133    15.6   295.4
```

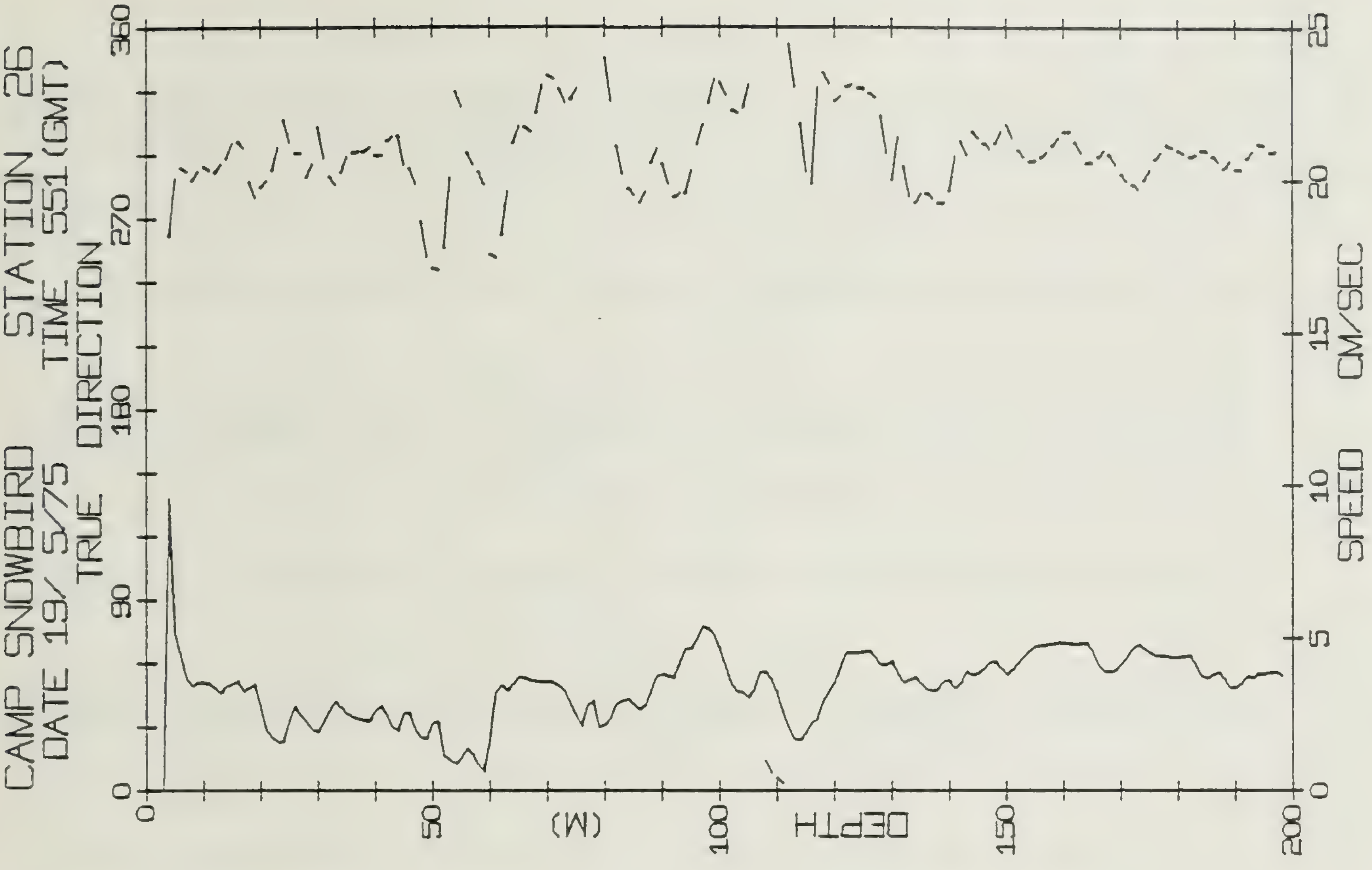

CAMP SNOWBIRD STATION 23
DATE 17/ 5/75 TIME 626(GMT)


CAMP SNOWBIRD STATION 24
DATE 18/ 5/75 TIME 556(GMT)

```
SNOWBIRD STATION  23     (190M.)      17/MAY/75       626 GMT
LAT= 76.1234N  LONG= 147.4611W  LTER=     1    LGER=     2
NIVEL=    7.0   EIVEL=  -7.4     NVER=     0    EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    8.8   302.1     134   42.8   314.5
  1    0.0   999.9      68    9.3   300.7     135   43.5   314.5
  2    0.0   999.9      69    9.9   300.2     136   44.4   314.5
  3    0.0   999.9      70   10.5   300.7     137   45.2   314.5
  4    9.1   357.7      71   10.7   301.0     138   46.1   314.5
  5   11.1    10.0      72   11.1   301.8     139   46.8   314.5
  6   11.2    13.5      73   11.3   302.7     140   47.4   314.5
  7   11.4    20.2      74   11.6   303.7     141   48.1   314.5
  8   12.5    23.5      75   11.8   304.7     142   48.7   314.5
  9   12.6    21.6      76   12.0   305.7     143   49.1   313.3
 10   11.5    21.0      77   12.1   306.7     144   49.5   311.3
 11   10.9    29.6      78   12.4   307.1     145   50.0   311.0
 12   10.6    34.2      79   13.7   306.0     146   50.4   311.0
 13   10.0    30.9      80   15.1   305.7     147   50.8   311.0
 14    9.5    27.2      81   16.3   306.1     148   51.0   311.0
 15    9.0    23.0      82   16.7   307.1     149   51.2   311.0
 16    8.6    18.4      83   17.1   308.0     150   51.4   311.0
 17    8.6    23.9      84   17.7   308.7     151   51.5   311.0
 18    8.5    30.2      85   18.7   309.1     152   51.4   311.0
 19    9.0    35.0      86   19.7   309.5     153   51.3   311.0
 20    9.0    35.8      87   19.9   309.8     154   51.2   311.0
 21    8.6    33.1      88   20.1   309.9     155   51.0   308.1
 22    7.2    34.5      89   20.3   309.8     156   51.1   303.3
 23    6.7    46.8      90   20.5   309.5     157   51.6   305.9
 24    8.7    53.4      91   20.7   309.0     158   51.7   302.5
 25   10.4    53.3      92   20.9   308.2     159   51.4   301.2
 26   11.5    52.5      93   21.0   307.3     160   51.1   300.8
 27   11.2    47.2      94   22.0   305.9     161   50.9   300.8
 28   10.5    43.4      95   23.4   304.0     162   50.5   300.8
 29    8.8    41.6      96   23.9   300.2     163   50.2   300.8
 30    6.4    45.6      97   23.8   300.2     164   49.9   300.9
 31    6.3    60.3      98   23.6   300.3     165   49.7   300.9
 32    6.4    63.5      99   23.6   300.2     166   49.6   300.9
 33    6.5    63.2     100   24.1   300.0     167   49.5   300.9
 34    6.2    60.2     101   24.6   299.8     168   49.2   300.9
 35    6.3    54.4     102   25.0   299.6     169   48.9   300.9
 36    6.5    48.2     103   25.6   299.3     170   48.4   301.0
 37    6.7    42.0     104   26.4   299.1     171   47.9   301.0
 38    7.2    35.8     105   27.1   298.8     172   47.5   301.0
 39    7.6    30.3     106   27.9   298.5     173   47.0   300.6
 40    8.0    25.2     107   28.7   298.3     174   46.3   298.2
 41    8.5    26.1     108   29.4   298.0     175   45.6   296.8
 42    9.0    26.5     109   30.2   298.4     176   45.0   296.8
 43    9.2    24.2     110   31.1   301.3     177   44.4   296.9
 44    9.3    21.5     111   31.8   300.9     178   43.8   296.9
 45    9.5    19.1     112   32.4   298.6     179   43.3   297.0
 46   10.6    15.0     113   33.0   297.5     180   42.7   297.1
 47   12.2    10.5     114   33.8   301.2     181   42.2   297.1
 48   12.6     9.0     115   34.5   304.4     182   41.7   297.2
 49    9.3    20.8     116   35.1   307.2     183   40.9   297.3
 50    7.2    27.9     117   35.7   309.0     184   40.1   297.4
 51    6.5    28.4     118   36.3   310.6     185   39.3   297.5
 52    6.3    27.0     119   36.7   311.8     186   38.5   297.6
 53    6.6    21.9     120   36.9   313.0     187   37.8   297.7
 54    7.4    13.3     121   37.2   314.3     188   37.1   297.8
 55    7.7     6.5     122   37.4   314.4     189   37.4   297.8
 56    7.0   358.7     123   37.7   314.4     190   37.4   297.8
 57    6.2   340.1     124   38.0   314.4
 58    5.6   331.6     125   39.2   314.4
 59    6.1   322.1     126   40.4   314.4
 60    6.9   316.0     127   41.0   314.5
 61    7.9   316.7     128   41.3   314.5
 62    8.0   318.3     129   40.8   314.5
 63    8.0   319.1     130   40.3   314.4
 64    8.0   317.7     131   40.5   314.5
 65    7.9   310.0     132   41.3   314.5
 66    8.3   304.8     133   42.0   314.5
```

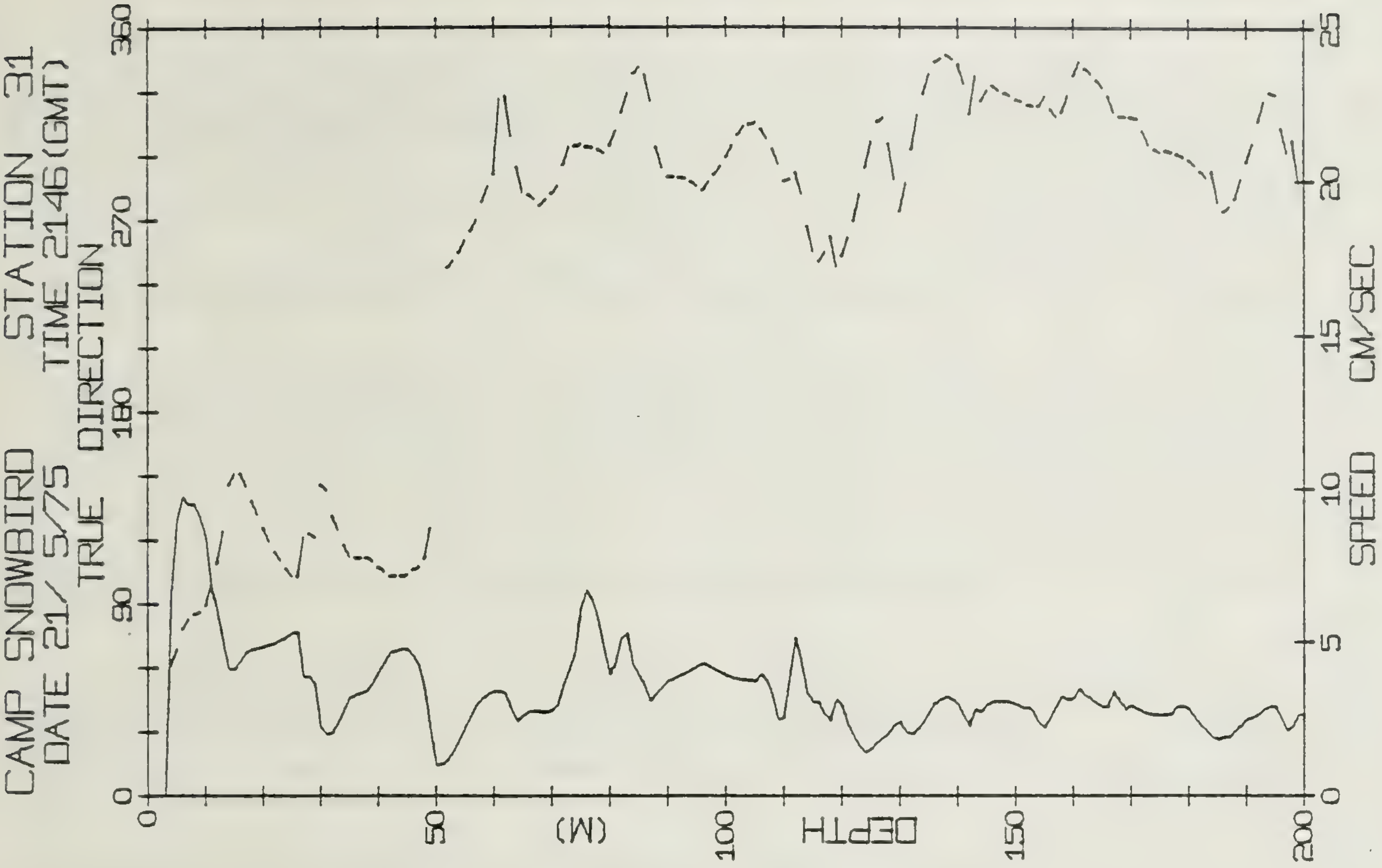
```
SNOWBIRD STATION  24     (198M.)      18/MAY/75       556 GMT
LAT= 76.1614N  LONG= 147.8615W  LTER=     1    LGER=     2
NIVEL=   -1.8   EIVEL= -12.4     NVER=     0    EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    3.3   287.9     134   10.7   350.1
  1    0.0   999.9      68    3.9   289.2     135   10.6   349.6
  2    0.0   999.9      69    4.2   288.2     136   10.6   349.0
  3    0.0   999.9      70    4.1   290.6     137   10.4   348.1
  4    5.2   305.8      71    4.1   294.0     138   10.3   347.1
  5    4.3   313.2      72    4.1   298.8     139   10.3   345.2
  6    3.9   316.4      73    4.2   302.5     140   10.3   342.8
  7    4.5   306.8      74    4.4   302.4     141   10.2   340.8
  8    4.5   303.9      75    4.8   294.7     142   10.2   341.0
  9    3.5   308.2      76    5.0   289.1     143   10.3   341.3
 10    3.3   309.1      77    4.6   297.6     144   10.3   341.5
 11    3.6   303.8      78    4.5   303.0     145   10.4   341.8
 12    2.9   296.6      79    4.7   304.9     146   10.4   341.9
 13    1.5   277.3      80    4.8   305.7     147   10.4   341.8
 14    1.6   259.6      81    4.8   308.0     148   10.4   341.2
 15    2.2   277.4      82    4.7   312.2     149   10.6   340.7
 16    2.7   276.8      83    4.7   315.3     150   10.8   340.3
 17    2.1   256.4      84    5.0   307.2     151   10.8   339.6
 18    2.1   233.5      85    5.3   307.5     152   10.7   339.6
 19    2.4   242.4      86    5.4   309.7     153   10.5   340.5
 20    2.3   256.4      87    5.2   315.5     154   10.1   340.5
 21    1.8   266.6      88    4.9   325.0     155    9.6   339.5
 22    0.9   279.9      89    4.7   333.7     156    9.7   339.7
 23    0.3   340.6      90    4.7   338.1     157    9.8   338.2
 24    0.4    69.1      91    4.7   337.9     158    9.6   335.8
 25    0.5    67.1      92    4.5   335.1     159    9.4   334.2
 26    1.0   344.6      93    4.4   332.1     160    9.2   332.6
 27    1.8   344.5      94    4.4   331.9     161    8.8   331.6
 28    2.2     3.0      95    4.5   335.6     162    8.4   330.0
 29    2.3     9.9      96    4.5   338.8     163    8.3   328.2
 30    1.7    20.9      97    4.6   342.3     164    8.2   327.3
 31    1.2    34.2      98    4.6   341.8     165    8.3   327.1
 32    0.6     8.0      99    4.5   335.4     166    8.5   327.2
 33    0.3   264.4     100    4.6   327.4     167    8.5   328.9
 34    0.8   253.8     101    4.7   329.0     168    8.6   330.6
 35    0.8   234.5     102    4.6   335.4     169    8.7   332.4
 36    1.0   229.0     103    4.9   339.9     170    8.8   333.5
 37    1.5   228.0     104    5.1   342.3     171    8.9   334.3
 38    2.3   244.6     105    5.4   341.0     172    9.1   335.1
 39    3.0   251.2     106    5.6   338.3     173    9.3   335.3
 40    3.5   253.7     107    5.7   338.9     174    9.3   335.9
 41    4.0   251.2     108    6.0   344.2     175    9.2   336.7
 42    4.7   250.8     109    6.3   349.1     176    9.0   336.7
 43    5.8   258.1     110    6.5   355.0     177    8.8   334.5
 44    5.6   257.9     111    6.4   357.9     178    8.8   331.8
 45    4.7   254.2     112    6.0     2.4     179    8.9   330.1
 46    4.9   249.8     113    5.5     7.5     180    9.1   330.6
 47    5.9   250.3     114    5.4     7.4     181    9.5   332.4
 48    6.2   244.9     115    5.2     5.8     182   10.0   333.8
 49    6.6   240.5     116    5.2   359.9     183   10.0   332.6
 50    7.0   237.2     117    5.4   352.0     184    9.4   331.2
 51    7.2   235.5     118    5.5   345.0     185    8.8   330.1
 52    7.3   234.9     119    5.6   337.1     186    8.7   332.8
 53    7.8   237.1     120    6.0   335.4     187    8.7   334.4
 54    8.1   239.9     121    6.5   335.5     188    8.6   332.8
 55    7.9   243.0     122    6.6   338.1     189    8.5   332.5
 56    7.2   243.0     123    6.5   341.5     190    8.6   335.8
 57    5.7   244.3     124    6.7   345.6     191    8.7   338.6
 58    3.7   254.8     125    7.0   347.0     192    8.1   339.3
 59    2.5   287.6     126    7.7   345.1     193    7.5   339.9
 60    2.3   318.5     127    9.0   340.1     194    7.1   339.1
 61    2.3   331.7     128    9.8   342.8     195    6.5   337.3
 62    2.0   336.1     129   10.1   345.6     196    6.6   340.4
 63    1.6   331.6     130   10.0   345.4     197    6.4   340.7
 64    1.3   314.5     131   10.2   346.6     198    6.4   341.6
 65    1.5   294.1     132   10.4   348.5
 66    2.5   285.4     133   10.6   349.4
```

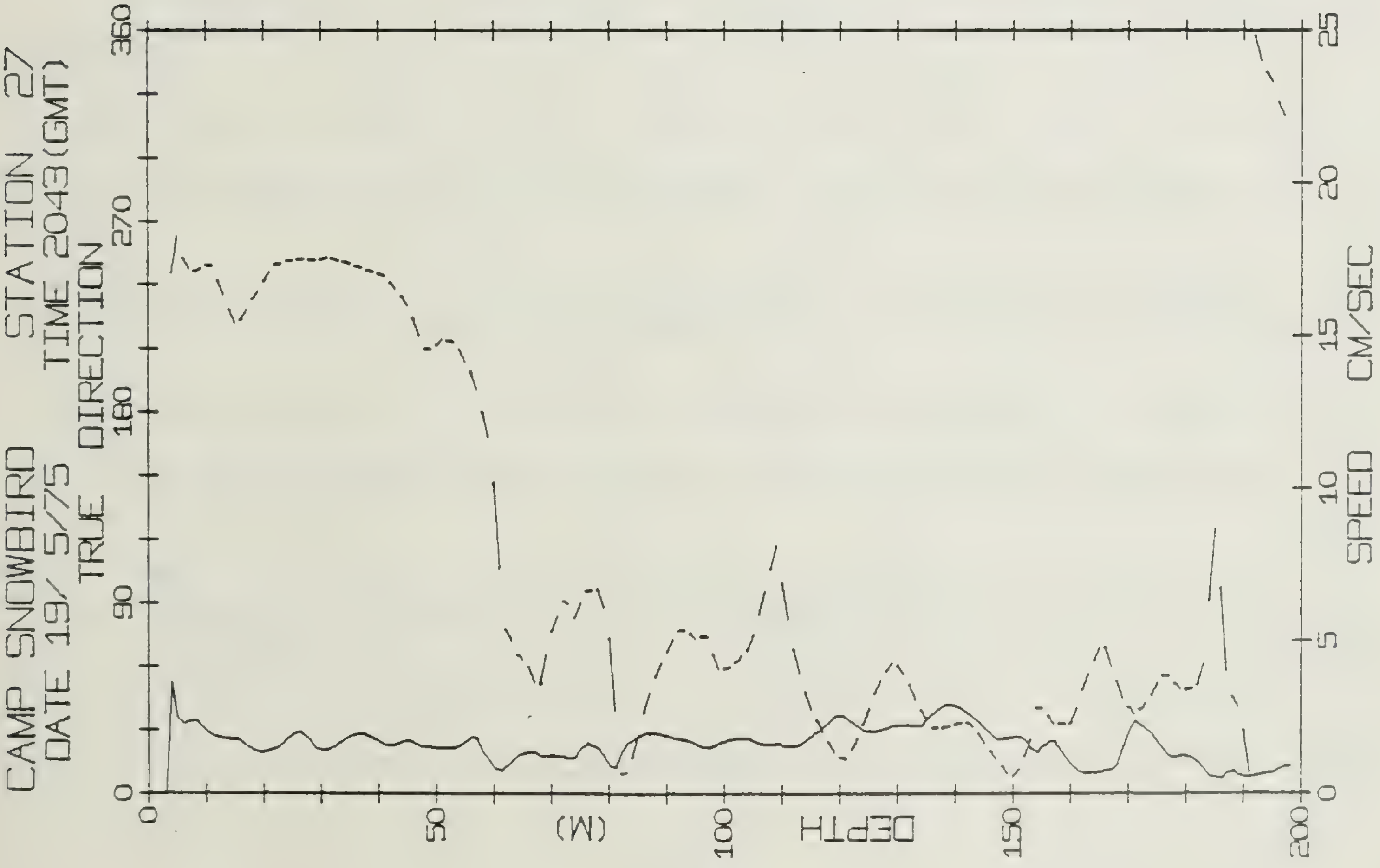

CAMP SNOWBIRD STATION 25
DATE 18/ 5/75 TIME 2107(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 26
DATE 19/ 5/75 TIME 551(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  25    (194M. )     18/MAY/75     2107 GMT
LAT= 76 1592N  LONG= 148.1032W  LTER=     0.  LCER=     0
NIVEL=  -0 7   EIVEL= -20.8     NVER=     0.  EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0 0   999 9        67    2 2    35 1       134    4.3     3 6
  1    0 0   999 9        68    2 6    75 2       135    4.2   357 4
  2    0 0   999 9        69    3 1   110 8       136    4.1   351 1
  3    0.0   999 9        70    4 3   118 2       137    4.1   346.4
  4   15.4   299 1        71    3.7   125 4       138    4.0   343.0
  5   15 3   303 8        72    1 6   103 9       139    4.0   339 3
  6   15 2   313 9        73    2 2     2 3       140    3.9   343.0
  7   15 3   313 7        74    3 6   343 0       141    3.9   345 8
  8   15 3   308 5        75    2 5   338 3       142    3.9   343 7
  9   15 3   309 2        76    1 3   345 1       143    3.9   341 6
 10   15.3   314 2        77    0.7   346 1       144    3.9   348 3
 11   15.4   317 4        78    1.6   333 3       145    3.9   356.5
 12   15 2   316 3        79    3.0   332 8       146    4.0     3.6
 13   15 0   315 2        80    3.7   339.9       147    4.1     6.1
 14   13 5   313 4        81    4 5   347 4       148    4.1     8.8
 15   12 4   309 6        82    5 1   350 6       149    4.4    16.2
 16   12 3   306 3        83    5 2   346 5       150    4.6    20 1
 17   12 3   303 5        84    5 4   343 2       151    4.5    18 4
 18   12 7   302 5        85    5 4   339 7       152    4.3    15.8
 19   13 0   302 3        86    5.5   336 1       153    4.2    15.4
 20   12 9   303 7        87    5 4   338 1       154    4.2    18.6
 21   12 4   304 4        88    5 2   341 2       155    4.5    23 8
 22   12 5   303 8        89    5 0   344 6       156    4.6    22.3
 23   13 5   303 8        90    4 1   348 7       157    4.4    18.6
 24   14 2   301 7        91    3 3   354.4       158    4.3    15 9
 25   14 1   299 5        92    2 2   357 1       159    4.5    18.4
 26   13 6   298 3        93    1.6   350.8       160    4.8    22.1
 27   13.4   299 8        94    1 1   336.8       161    4.8    19.8
 28   13 3   302 6        95    1.1   315 3       162    4.5    14.0
 29   13 1   308 0        96    1 3   301 2       163    4.5    12.1
 30   12 9   315 8        97    1 6   291.2       164    4.4    12 5
 31   13 1   318 7        98    2.0   286 6       165    4.4    12 9
 32   12 9   310 3        99    2 4   282 9       166    4.3    13.4
 33   12.8   300 8       100    2 2   283 5       167    4.3    14.7
 34   12 6   296.3       101    1 6   287 4       168    4.4    16.6
 35   12 9   293 4       102    2 0   282 4       169    4.1    25.8
 36   12 8   295 5       103    2 5   277 5       170    3.0    41.0
 37   11 7   309 3       104    3 0   275 1       171    1.9    51.0
 38   11 4   313 8       105    3 1   274 8       172    1.4    41 3
 39   10 2   318 6       106    2 6   276 5       173    1.4    25.7
 40    9 3   319 5       107    2.0   280.2       174    3.9    20.5
 41    9 2   321 2       108    1 5   287 9       175    4.0     5.2
 42    8 2   322 4       109    1 1   299 1       176    3.9   359 8
 43    7 7   325 4       110    0.9   310 5       177    4.0     1 6
 44    7 2   328 8       111    1 0   302 8       178    4.1     6.3
 45    7 1   323 2       112    1 1   295 3       179    4.3    12 5
 46    7 2   317.8       113    1 2   289 8       180    4.2    10.9
 47    7 3   314 5       114    1 1   290 0       181    4.1     7 7
 48    7 2   316 1       115    1 0   292 0       182    4.0     3 9
 49    7 3   316 8       116    0.9   293 9       183    4.0     0 2
 50    7 2   316 6       117    0.9   294.4       184    3.9   356.4
 51    7 5   314 9       118    1 1   289.4       185    3.9   352.7
 52    8 2   314 9       119    1 3   285 9       186    3.9   348.7
 53    9 4   312 9       120    1 0   277 5       187    3.9   343.5
 54    9 2   319 6       121    0 9   320 4       188    3.9   337 7
 55    8.9   329 5       122    1 0   334 4       189    3.9   332 6
 56    9 6   335 7       123    1 2   347 0       190    4.0   327 3
 57   10 5   334 9       124    1.3   358 4       191    4.2   318 2
 58   10 3   330 9       125    1 7     5 6       192    4.3   317.6
 59   10 0   326 2       126    2 6    10 1       193    4.6   312 8
 60    9 8   326 4       127    3 6    13 4       194    4.8   308.9
 61    8 3   326 7       128    4 6    14 5
 62    7 2   329 4       129    4 8    13 2
 63    6 2   332 2       130    4 8    14 3
 64    5 1   332 0       131    4 7    14 4
 65    3 9   356 3       132    4 5    11 6
 66    4 3    23 7       133    4 4     8 1
```

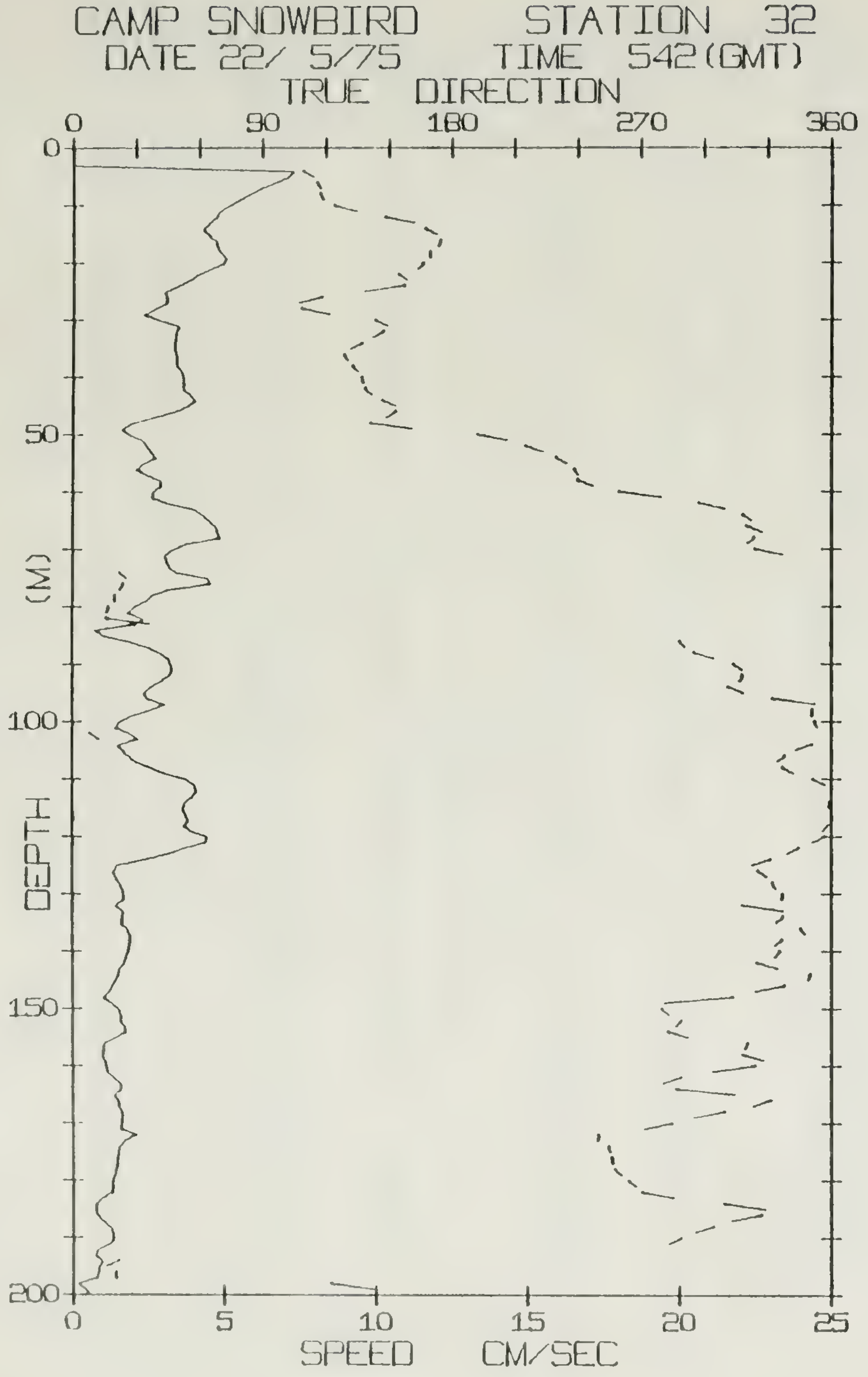
```
SNOWBIRD STATION  26    (198M )      19/MAY/75      551 GMT
LAT= 76.1519N  LONG= 148.2918W  LTER=  492    LCER=  727.
NIVEL=  -4.0   EIVEL= -10 2     NVER=    2    EVER=    2.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0 0   999 9        67    3.6   311.0       134    3.7   277 5
  1    0 0   999 9        68    3.6   320 0       135    3 5   281 4
  2    0 0   999.9        69    3.6   332 4       136    3 3   282 1
  3    0 0   999 9        70    3 6   337 4       137    3 3   279 7
  4    9.6   262.0        71    3.5   335 6       138    3.3   277 3
  5    5.2   288.9        72    3 4   331 3       139    3 6   277 6
  6    4.5   294 2        73    3 3   324 9       140    3 6   282 8
  7    3 7   292 2        74    2 9   326 5       141    3.4   299 0
  8    3 4   288.5        75    2 5   331 2       142    3 5   306.2
  9    3.5   292 5        76    2 1   341.0       143    3 9   300 5
 10    3.5   294.5        77    2.8    12.3       144    3.8   310.9
 11    3.5   292.9        78    3.0    17 3       145    3.9   308.0
 12    3 4   291 9        79    2.1   354.9       146    4 0   305 5
 13    3 2   295.6        80    2 2   345.6       147    4 2   303 2
 14    3.4   298.7        81    2 4   325 4       148    4.2   305 6
 15    3.5   305.6        82    2.8   304.1       149    4.0   310.6
 16    3 6   306.5        83    3.0   290.9       150    3.8   314 3
 17    3.3   303.3        84    3.0   283 9       151    4.0   308 2
 18    3 4   287.2        85    2.8   281 0       152    4 2   302.4
 19    3 5   280.0        86    2.7   277 5       153    4.4   299.5
 20    2.7   284.9        87    2 8   282.1       154    4.6   297 2
 21    2.0   288.0        88    3 3   296.1       155    4.7   297.7
 22    1.7   292.9        89    3.7   302 6       156    4.8   299 3
 23    1.6   303.6        90    3.8   295.6       157    4.8   301 3
 24    1.6   316.6        91    3.8   286 2       158    4.8   304 6
 25    2.3   306.3        92    3 7   279 9       159    4.9   307.7
 26    2 8   301.0        93    4.2   281.6       160    4.8   310 9
 27    2 5   301.0        94    4.6   282.0       161    4.8   310.9
 28    2.3   290.0        95    4.7   292.5       162    4.8   306.2
 29    2.0   296.0        96    5.0   304 8       163    4 8   301 5
 30    1.9   312.7        97    5 4   314 6       164    4.9   296.7
 31    2.3   298.7        98    5.3   324.4       165    4 6   296.2
 32    2 6   290.1        99    5.1   335 7       166    4 1   299 0
 33    2 9   285 9       100    4.7   334.2       167    3 9   302 0
 34    2.7   291.8       101    4.1   328.3       168    3.9   300 3
 35    2.5   299.3       102    3.5   321.2       169    4.0   295 9
 36    2 4   301.2       103    3 2   319.6       170    4 1   291 2
 37    2 4   301.7       104    3.2   322.5       171    4 4   287 9
 38    2 3   301.9       105    3 1   333 1       172    4 6   286.3
 39    2.3   303.8       106    3.3   354.7       173    4.8   284 1
 40    2.6   299.9       107    3.9    12 5       174    4.7   288.2
 41    2 8   299.7       108    3.9    14.3       175    4 5   293.0
 42    2 5   306.6       109    3 7     8 9       176    4 4   298.2
 43    2.1   308.4       110    3 2     5 9       177    4.4   301.2
 44    1 9   309 0       111    2 6     3 6       178    4 4   304 3
 45    2.5   295.4       112    2.1   352.1       179    4 3   303.5
 46    2.6   293.9       113    1 7   332 3       180    4.4   302.1
 47    2.0   286.7       114    1.7   314.8       181    4 4   300 7
 48    1.7   268.6       115    1 9   292.1       182    4 4   299.3
 49    1.7   252.3       116    2.2   286.9       183    4.2   300.4
 50    2.2   246.3       117    2.4   331.8       184    3 8   302.1
 51    2 3   245.7       118    2.9   338.5       185    3 7   301 5
 52    1 2   256.0       119    3.3   334 0       186    3.8   299 5
 53    1 0   289.2       120    3.5   325 9       187    3.9   297.2
 54    0 9   329.6       121    4.0   327 9       188    3 7   294.2
 55    1 1   323.1       122    4.5   332.1       189    3.4   296.7
 56    1 4   301.0       123    4 5   333.4       190    3.4   293 4
 57.   1 2   295.9       124    4 5   331 7       191    3 5   292.9
 58    0.8   292 1       125    4 6   330 9       192    3 7   298 5
 59    0 6   285.8       126    4 6   329 2       193    3 7   301 8
 60    1 7   253.0       127    4 4   327 4       194    3 8   305 1
 61    3 2   251.4       128    4 1   318.7       195    3 8   304 5
 62    3 5   262 4       129    4 1   301 3       196    3 9   301 6
 63    3 3   282 4       130    4.3   288.6       197    3 9   301 7
 64    3 5   305 5       131    3.9   300 4       198    3.8   305 7
 65    3 7   313.3       132    3 6   294 5
 66    3 7   312 9       133    3 6   280 6
```

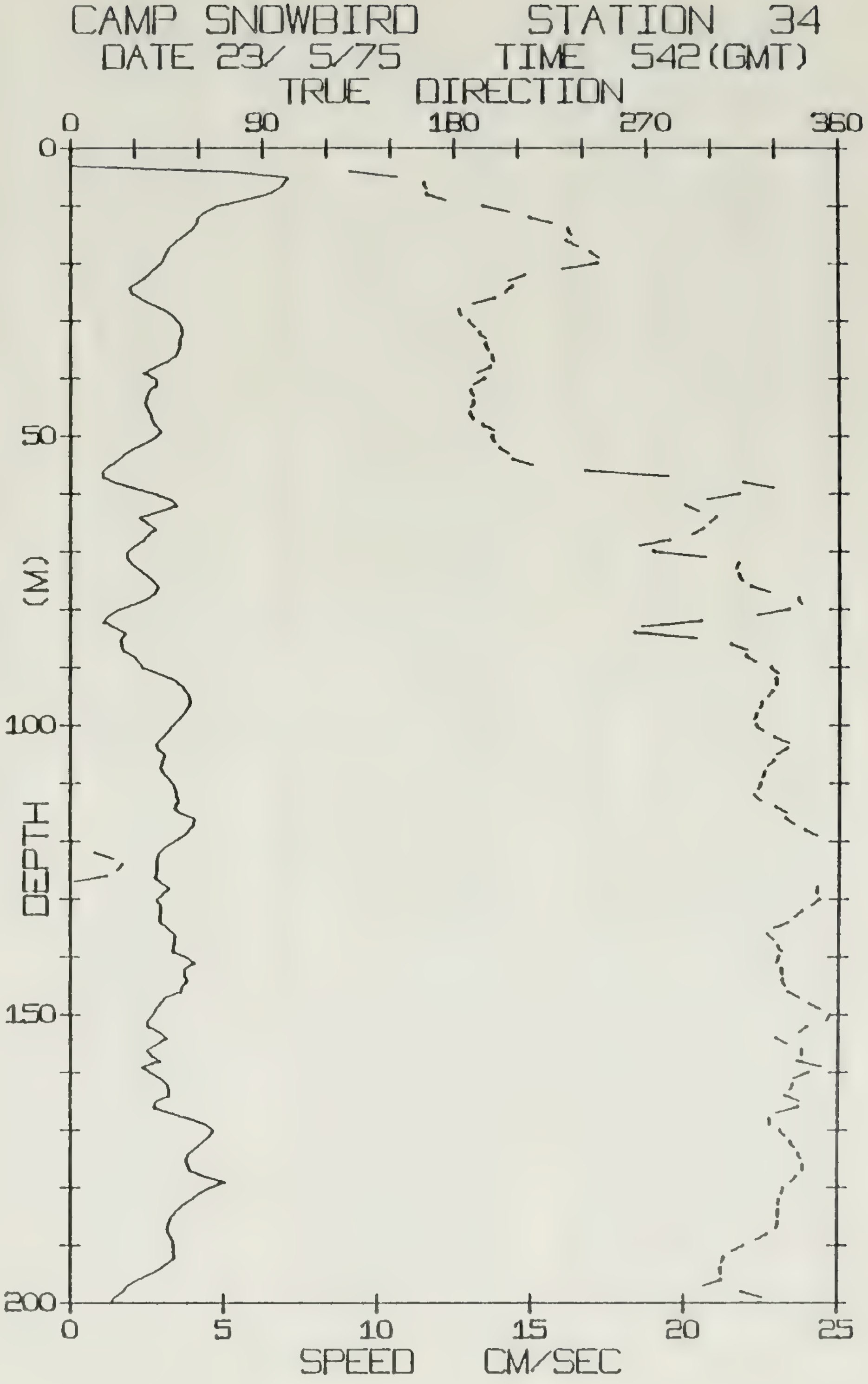

CAMP SNOWBIRD STATION 31
DATE 21/ 5/75 TIME 2146(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 27
DATE 19/ 5/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  27     (198M.)      19/MAY/75     2043 GMT
LAT= 76.1297N  LONG= 148.3790W  LTER=  299   LCER=  355.
NIVEL=  -4.0   EIVEL=  -1.0     NVER=    2   EVER=    2

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0   999.9      67   1.4    52.6     134   2.2    39.5
  1    0.0   999.9      68   1.2    52.0     135   2.4    35.0
  2    0.0   999.9      69   1.2    65.5     136   2.6    31.4
  3    0.0   999.9      70   1.2    77.0     137   2.8    31.1
  4    3.7   245.8      71   1.2    84.0     138   2.9    31.5
  5    2.5   262.3      72   1.2    90.8     139   2.9    32.1
  6    2.3   252.7      73   1.2    89.4     140   2.9    33.1
  7    2.4   247.6      74   1.2    83.4     141   2.8    33.6
  8    2.4   246.3      75   1.5    90.0     142   2.6    33.6
  9    2.2   247.7      76   1.7    95.9     143   2.5    31.8
 10    2.0   249.1      77   1.6    96.3     144   2.3    28.5
 11    1.9   248.7      78   1.5    96.7     145   2.2    24.3
 12    1.8   242.2      79   1.2    88.5     146   2.0    20.0
 13    1.8   235.3      80   0.9    73.4     147   1.8    16.5
 14    1.8   228.2      81   0.8    39.6     148   1.8    13.0
 15    1.8   221.8      82   1.3     9.6     149   1.8     9.6
 16    1.7   223.4      83   1.7     9.9     150   1.9     8.6
 17    1.5   227.6      84   1.8    17.0     151   1.9    11.2
 18    1.4   233.2      85   1.9    27.8     152   1.8    17.6
 19    1.3   236.8      86   2.0    38.5     153   1.5    25.5
 20    1.4   241.6      87   2.0    47.5     154   1.3    40.2
 21    1.4   246.1      88   2.0    55.4     155   1.5    40.0
 22    1.5   249.4      89   1.9    61.6     156   1.7    36.7
 23    1.6   250.3      90   1.9    67.1     157   1.7    33.1
 24    1.8   251.3      91   1.8    72.6     158   1.5    32.8
 25    2.0   251.7      92   1.8    77.2     159   1.2    32.6
 26    2.0   252.3      93   1.8    77.3     160   1.0    33.2
 27    1.9   252.3      94   1.7    75.6     161   0.8    39.9
 28    1.8   251.7      95   1.6    73.1     162   0.7    48.8
 29    1.5   251.7      96   1.5    74.3     163   0.7    56.3
 30    1.4   252.3      97   1.5    73.7     164   0.7    62.4
 31    1.5   253.1      98   1.6    65.9     165   0.7    68.8
 32    1.6   252.3      99   1.7    59.0     166   0.8    69.1
 33    1.7   251.4     100   1.8    59.5     167   0.8    60.3
 34    1.8   250.7     101   1.8    60.0     168   0.9    53.1
 35    1.9   249.9     102   1.8    62.2     169   1.5    45.0
 36    2.0   248.9     103   1.8    65.2     170   2.0    40.8
 37    2.0   248.1     104   1.8    67.9     171   2.4    37.8
 38    1.9   246.9     105   1.7    74.9     172   2.3    39.5
 39    1.8   246.1     106   1.6    85.1     173   2.1    42.6
 40    1.7   245.2     107   1.6    95.7     174   2.0    46.4
 41    1.6   244.1     108   1.6   106.4     175   1.7    51.8
 42    1.6   241.2     109   1.7   117.0     176   1.4    55.5
 43    1.7   237.9     110   1.6    99.7     177   1.2    55.3
 44    1.7   234.7     111   1.6    82.7     178   1.2    52.3
 45    1.7   230.4     112   1.6    68.3     179   1.3    49.4
 46    1.7   224.4     113   1.6    57.2     180   1.2    49.6
 47    1.6   216.3     114   1.8    48.0     181   1.1    50.0
 48    1.5   210.0     115   1.9    39.9     182   1.0    51.6
 49    1.5   209.5     116   2.0    34.9     183   0.8    61.1
 50    1.5   211.5     117   2.2    30.0     184   0.6    90.9
 51    1.5   214.7     118   2.4    24.6     185   0.5   124.7
 52    1.5   214.0     119   2.5    19.8     186   0.5    97.1
 53    1.5   212.5     120   2.6    17.1     187   0.7    58.0
 54    1.6   209.4     121   2.5    16.3     188   0.8    45.7
 55    1.7   204.1     122   2.3    20.9     189   0.6    40.9
 56    1.9   199.3     123   2.2    25.9     190   0.6    30.0
 57    1.8   190.9     124   2.1    32.6     191   0.6    10.1
 58    1.4   180.2     125   2.1    40.0     192   0.6   357.3
 59    1.1   168.5     126   2.1    47.5     193   0.7   345.5
 60    0.8   146.8     127   2.1    53.3     194   0.7   339.9
 61    0.7   106.6     128   2.2    58.0     195   0.7   335.8
 62    0.9    77.7     129   2.2    62.0     196   0.8   326.2
 63    1.1    72.8     130   2.3    60.2     197   0.9   319.8
 64    1.2    65.7     131   2.3    56.7     198   0.9   319.3
 65    1.3    63.4     132   2.2    51.4
 66    1.4    60.1     133   2.2    44.9
```

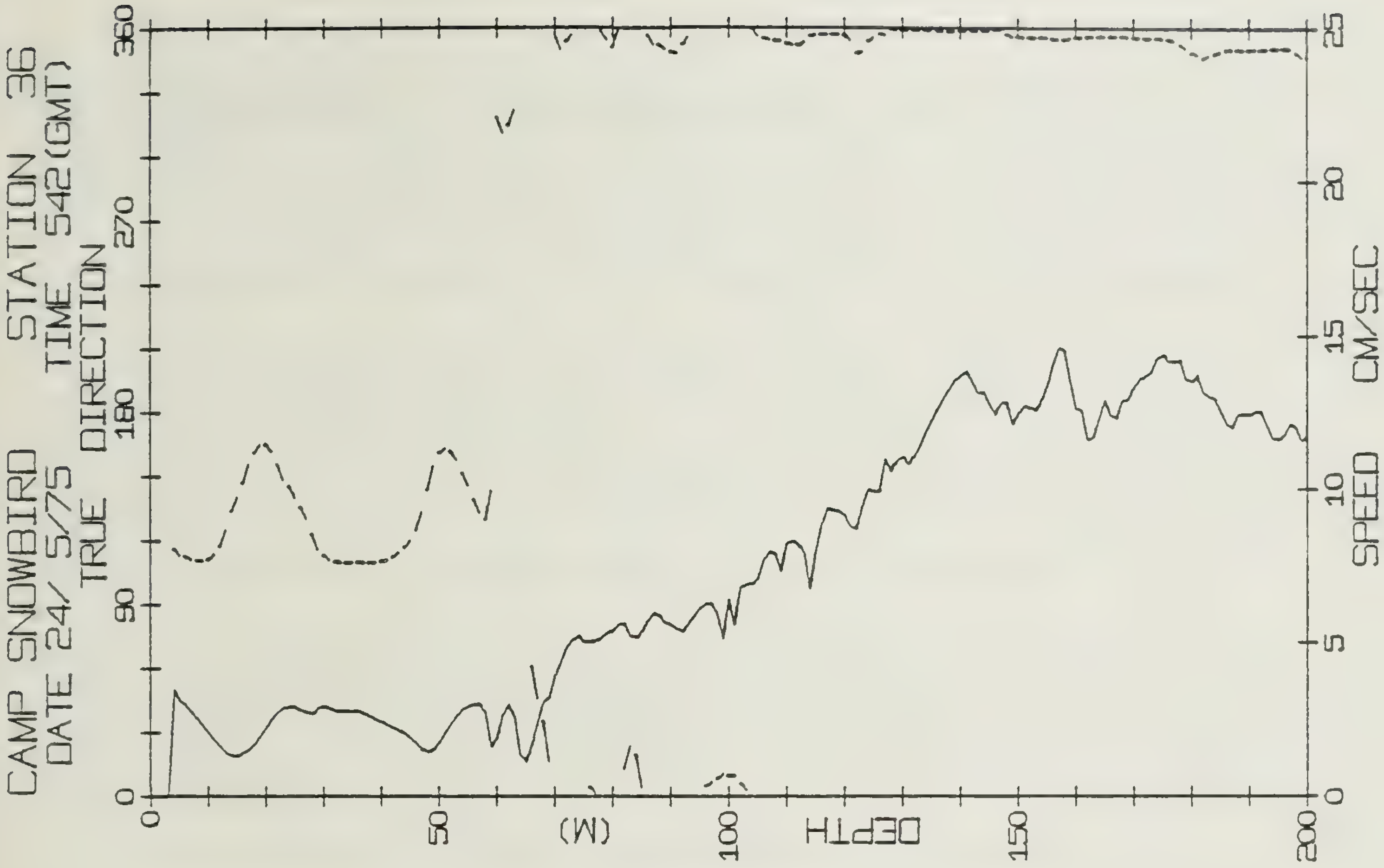
```
SNOWBIRD STATION  31     (200M.)      21/MAY/75     2146 GMT
LAT= 76.1146N  LONG= 148.2985W  LTER=    0   LCER=    0
NIVEL=   7.0   EIVEL=   1.2     NVER=    0   EVER=    0

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0   999.9      67   2.8   279.4     134   2.4   329.0
  1    0.0   999.9      68   2.7   276.7     135   2.7   338.2
  2    0.0   999.9      69   2.7   279.3     136   3.0   344.0
  3    0.0   999.9      70   2.8   282.0     137   3.1   345.6
  4    6.6    61.2      71   3.0   285.3     138   3.2   347.1
  5    9.0    68.4      72   3.6   295.3     139   3.1   345.1
  6    9.8    78.5      73   4.1   303.8     140   3.0   342.4
  7    9.5    82.9      74   4.6   304.4     141   2.6   333.8
  8    9.5    85.2      75   6.1   305.3     142   2.3   319.5
  9    9.1    86.5      76   6.7   303.7     143   2.8   337.1
 10    8.4    89.4      77   6.4   303.4     144   2.7   325.9
 11    6.8    99.9      78   5.8   302.3     145   2.9   330.4
 12    6.1   109.3      79   4.8   300.9     146   3.1   332.5
 13    5.1   124.0      80   4.0   304.4     147   3.1   330.8
 14    4.1   145.9      81   4.3   311.4     148   3.1   329.5
 15    4.2   151.3      82   5.2   320.0     149   3.0   328.1
 16    4.4   151.5      83   5.3   328.8     150   3.0   326.3
 17    4.7   145.2      84   4.3   338.2     151   2.9   325.3
 18    4.8   138.4      85   3.9   341.0     152   2.9   323.8
 19    4.8   132.1      86   3.6   337.5     153   2.8   323.3
 20    4.9   125.6      87   3.1   325.7     154   2.4   323.6
 21    4.9   119.5      88   3.3   303.8     155   2.2   327.8
 22    5.0   114.6      89   3.5   294.4     156   2.5   322.3
 23    5.1   110.5      90   3.7   289.8     157   2.9   318.3
 24    5.2   106.7      91   3.8   289.5     158   3.2   320.9
 25    5.3   103.0      92   3.9   289.3     159   3.1   328.5
 26    5.4   102.8      93   4.0   288.9     160   3.2   337.8
 27    3.9   121.1      94   4.1   287.3     161   3.5   344.1
 28    3.9   122.9      95   4.2   285.5     162   3.3   341.0
 29    3.6   121.2      96   4.3   283.8     163   3.1   338.6
 30    2.2   145.7      97   4.2   287.3     164   3.0   335.6
 31    2.0   143.6      98   4.1   291.0     165   2.9   332.3
 32    2.1   131.3      99   4.0   294.8     166   2.9   328.0
 33    2.4   124.9     100   3.9   299.3     167   3.4   320.8
 34    2.8   117.6     101   3.8   304.3     168   3.1   318.7
 35    3.2   112.0     102   3.8   309.5     169   2.8   318.4
 36    3.3   111.6     103   3.8   313.4     170   2.9   318.0
 37    3.4   111.8     104   3.8   314.5     171   2.8   317.2
 38    3.5   111.8     105   3.7   315.5     172   2.7   311.6
 39    3.7   110.1     106   3.9   312.2     173   2.7   305.5
 40    4.0   107.4     107   3.8   308.0     174   2.6   303.4
 41    4.4   105.3     108   3.3   303.1     175   2.6   301.6
 42    4.7   103.3     109   2.5   296.2     176   2.7   302.7
 43    4.7   103.1     110   2.6   288.1     177   2.7   301.8
 44    4.8   103.0     111   3.9   288.9     178   2.9   300.9
 45    4.8   104.0     112   5.2   291.6     179   2.9   299.6
 46    4.6   106.3     113   4.4   282.1     180   2.8   298.0
 47    4.3   107.4     114   3.4   266.8     181   2.6   295.8
 48    3.5   111.2     115   3.1   255.1     182   2.3   293.0
 49    2.2   125.3     116   3.0   250.5     183   2.1   289.8
 50    1.0   174.1     117   2.7   254.5     184   1.9   292.7
 51    1.0   235.2     118   2.5   261.8     185   1.8   270.6
 52    1.2   247.8     119   3.1   248.2     186   1.9   274.3
 53    1.5   250.8     120   3.0   252.9     187   1.9   276.2
 54    1.8   254.4     121   2.4   261.2     188   2.1   280.0
 55    2.2   260.0     122   2.0   269.6     189   2.3   289.3
 56    2.6   264.5     123   1.6   281.7     190   2.5   297.5
 57    3.0   269.5     124   1.4   294.4     191   2.6   305.9
 58    3.2   278.3     125   1.5   306.3     192   2.6   316.3
 59    3.3   285.3     126   1.7   315.8     193   2.8   325.5
 60    3.4   291.1     127   1.9   317.4     194   2.9   329.8
 61    3.4   326.6     128   2.0   305.9     195   2.9   328.8
 62    3.3   327.8     129   2.3   289.1     196   2.5   313.2
 63    2.8   309.0     130   2.4   274.2     197   2.1   301.9
 64    2.4   294.6     131   2.1   286.9     198   2.3   307.0
 65    2.6   282.9     132   2.0   303.1     199   2.6   287.8
 66    2.7   281.4     133   2.2   318.8     200   2.6   287.8
```

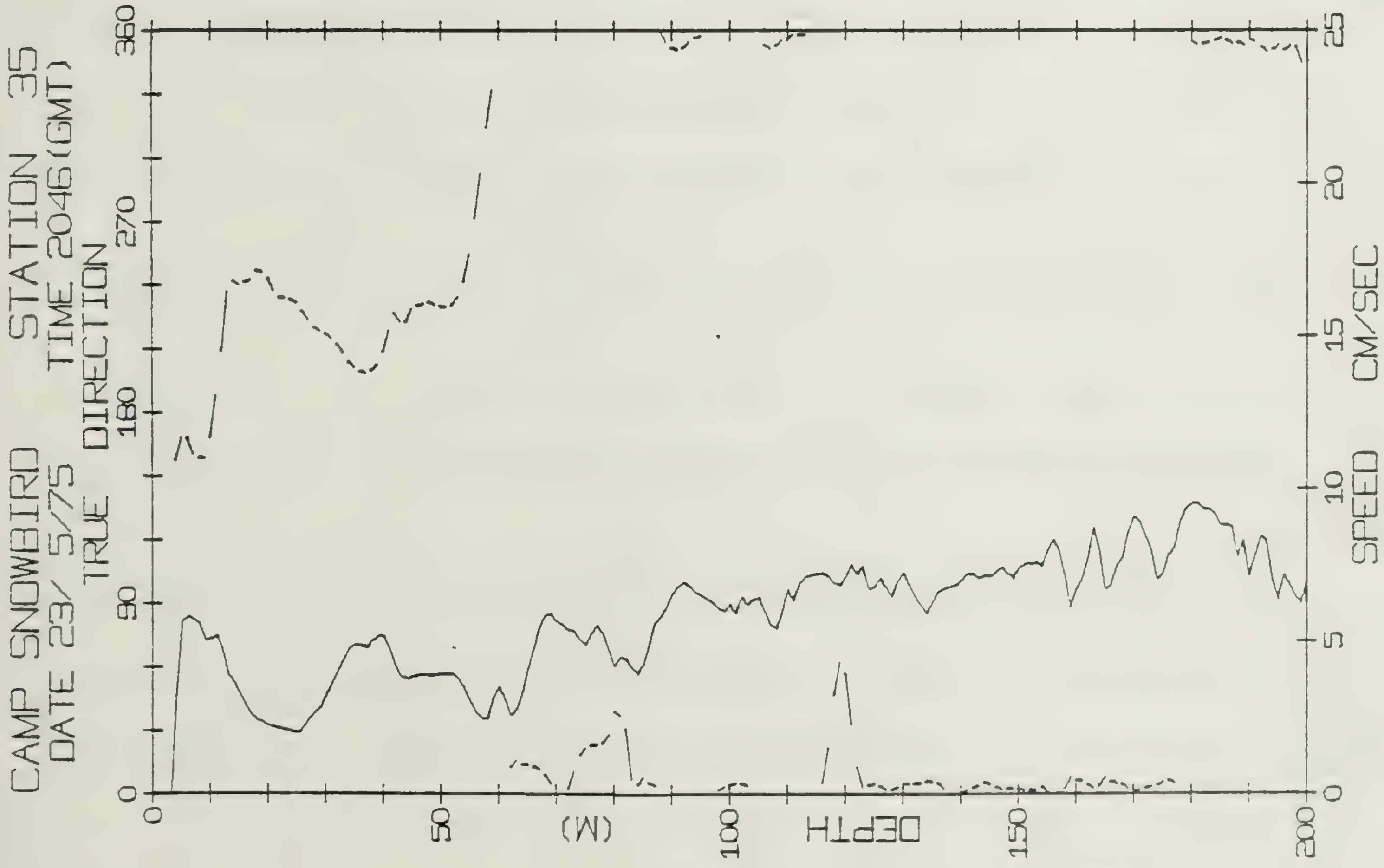

CAMP SNOWBIRD STATION 32
DATE 22/ 5/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 34
DATE 23/ 5/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION  32     (200M )     22/MAY/75       542 GMT
LAT= 76.1313N  LONG= 148 2571W  LTER=      0    LCER=      0
NIVEL=    4.2   EIVEL=    3 4    NVER=      0    EVER=      0


DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67    4.8  326.8       134    1.7  336.9
  1    0.0  999.9        68    4.9  323.4       135    1.6  334.1
  2    0.0  999.9        69    3.8  320.9       136    1.8  345.7
  3    0.0  999.9        70    3.3  324.0       137    1.9  347.6
  4    7.3  109.4        71    3.1  336.4       138    1.9  336.6
  5    7.1  113.7        72    3.1  358.1       139    1.9  333.6
  6    6.7  115.8        73    3.2   14.2       140    1.8  335.5
  7    6.2  117.4        74    3.4   22.4       141    1.8  333.5
  8    5.8  117.6        75    4.5   25.5       142    1.7  324.9
  9    5.5  118.9        76    4.6   24.0       143    1.6  334.3
 10    5.2  124.0        77    3.2   22.4       144    1.5  350.0
 11    4.8  134.4        78    2.6   20.2       145    1.4  349.2
 12    4.7  140.2        79    2.4   20.0       146    1.3  338.0
 13    4.5  161.7        80    2.0   17.4       147    1.2  324.4
 14    4.3  167.5        81    1.8   16.2       148    1.0  313.5
 15    4.4  172.4        82    2.3   16.1       149    1.3  281.5
 16    4.7  174.5        83    2.1   36.6       150    1.5  280.0
 17    4.8  173.6        84    0.8   49.9       151    1.6  282.8
 18    4.9  169.4        85    1.0  290.4       152    1.6  288.9
 19    5.0  169.7        86    1.9  288.2       153    1.7  286.7
 20    5.0  166.6        87    2.5  290.6       154    1.8  282.7
 21    4.5  164.2        88    2.9  295.2       155    1.5  292.0
 22    4.1  155.0        89    3.2  303.9       156    1.1  320.3
 23    3.9  158.5        90    3.3  313.6       157    1.0  319.4
 24    3.5  157.2        91    3.3  317.7       158    1.0  318.2
 25    3.1  138.6        92    3.2  318.3       159    1.1  327.7
 26    3.1  118.3        93    2.9  316.8       160    1.1  324.2
 27    3.1  107.7        94    2.6  311.3       161    1.2  304.3
 28    2.7  108.7        95    2.4  318.4       162    1.4  288.7
 29    2.3  121.6        96    2.5  332.1       163    1.6  280.8
 30    2.8  143.5        97    3.1  351.9       164    1.6  286.6
 31    3.5  148.9        98    2.6  350.9       165    1.4  314.4
 32    3.4  147.5        99    1.9  350.9       166    1.5  331.2
 33    3.4  142.9       100    1.6  352.4       167    1.6  323.5
 34    3.4  137.5       101    1.4  353.4       168    1.7  309.3
 35    3.4  132.3       102    1.9    8.5       169    1.6  295.1
 36    3.4  129.2       103    2.2   12.4       170    1.6  284.7
 37    3.4  130.6       104    1.6  351.1       171    1.6  271.8
 38    3.5  133.0       105    1.7  343.2       172    2.1  249.8
 39    3.6  135.4       106    1.9  338.0       173    1.7  249.4
 40    3.7  137.3       107    2.1  334.5       174    1.6  254.6
 41    3.7  138.1       108    2.6  336.9       175    1.5  255.4
 42    3.7  139.2       109    3.1  341.7       176    1.5  256.2
 43    3.9  141.7       110    3.8  351.5       177    1.5  256.8
 44    4.0  146.9       111    4.1  356.7       178    1.4  257.7
 45    3.8  153.1       112    4.1  360.0       179    1.4  260.4
 46    3.4  153.3       113    4.0    0.6       180    1.3  264.3
 47    2.7  149.1       114    3.7  359.1       181    1.3  267.4
 48    2.0  141.7       115    3.7  359.1       182    1.3  270.4
 49    1.6  160.9       116    3.8    0.4       183    1.0  285.1
 50    1.9  192.3       117    3.8    1.0       184    0.8  307.3
 51    2.3  206.0       118    3.7  358.5       185    0.7  328.4
 52    2.5  215.2       119    3.9  356.3       186    0.8  327.2
 53    2.6  223.3       120    4.4  357.3       187    1.0  313.3
 54    2.8  229.6       121    4.4  351.8       188    1.2  304.5
 55    2.3  234.1       122    3.7  344.8       189    1.4  296.2
 56    2.1  238.6       123    3.2  339.2       190    1.4  289.0
 57    2.5  240.1       124    2.4  331.1       191    1.2  283.4
 58    2.9  240.2       125    1.5  322.9       192    0.8  289.8
 59    2.9  246.8       126    1.4  325.3       193    0.7    1.1
 60    2.6  259.4       127    1.5  329.3       194    1.0   21.8
 61    2.6  279.3       128    1.6  332.1       195    0.9   16.2
 62    3.2  297.5       129    1.7  333.7       196    0.8   20.5
 63    4.0  309.3       130    1.7  336.9       197    0.8   20.4
 64    4.3  318.3       131    1.7  336.3       198    0.2  122.8
 65    4.5  321.9       132    1.4  318.2       199    0.4  142.9
 66    4.7  319.9       133    1.7  336.9       200    0.6   30.7
```

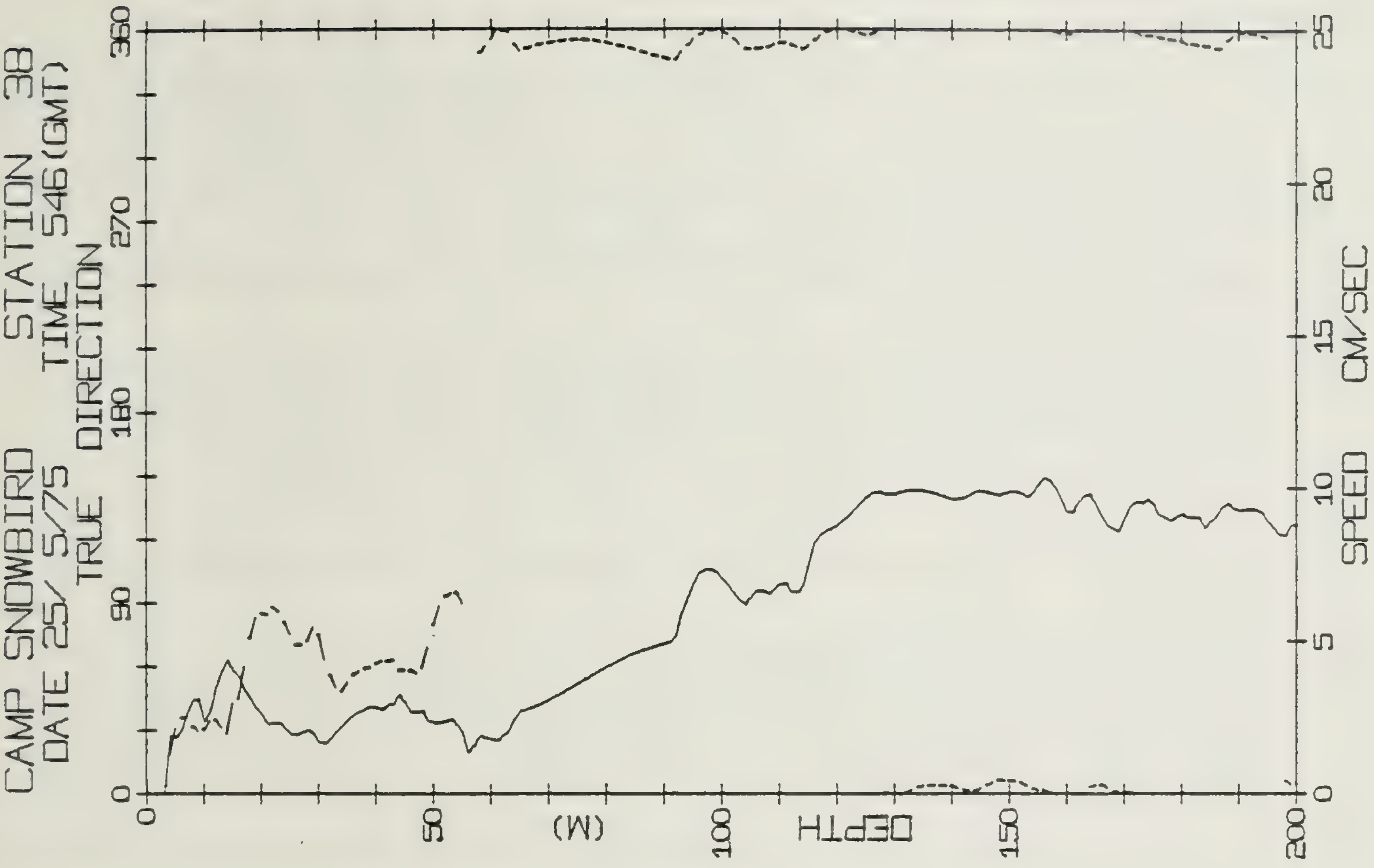
```
SNOWBIRD STATION  34     (200M. )     23/MAY/75       542 GMT
LAT= 76.1539N  LONG= 148.1200W  LTER=      1    LCER=      2
NIVEL=   -0.3   EIVEL=    4.0    NVER=      0    EVER=      0.


DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67    2.5  291.2       134    3.0  336.4
  1    0.0  999.9        68    2.4  280.5       135    3.2  329.7
  2    0.0  999.9        69    2.1  266.7       136    3.4  326.9
  3    0.0  999.9        70    1.9  272.7       137    3.4  329.3
  4    5.2  131.4        71    1.9  297.4       138    3.4  331.4
  5    7.1  153.1        72    2.0  312.6       139    3.3  333.3
  6    7.0  165.7        73    2.2  311.7       140    3.8  331.8
  7    6.8  167.2        74    2.5  313.0       141    4.1  330.7
  8    6.4  167.2        75    2.7  315.0       142    3.7  333.2
  9    5.6  175.7        76    2.9  318.9       143    3.7  333.9
 10    4.8  193.5        77    2.8  327.2       144    3.8  333.7
 11    4.4  206.0        78    2.5  341.2       145    3.7  335.4
 12    4.2  215.3        79    2.1  342.6       146    3.6  336.4
 13    4.1  225.7        80    1.6  336.6       147    3.1  341.7
 14    4.0  233.5        81    1.3  321.9       148    2.9  346.5
 15    3.7  235.0        82    1.1  295.4       149    2.8  351.4
 16    3.5  232.9        83    1.4  267.8       150    2.7  356.1
 17    3.3  237.8        84    1.8  264.5       151    2.5  354.5
 18    3.1  243.8        85    1.7  293.1       152    2.5  345.3
 19    3.0  247.8        86    1.7  309.2       153    2.9  342.0
 20    2.9  247.1        87    1.7  316.8       154    3.2  331.2
 21    2.7  230.6        88    2.1  316.4       155    2.9  336.0
 22    2.5  213.2        89    2.3  320.6       156    2.5  343.2
 23    2.3  205.7        90    2.4  328.1       157    2.6  343.3
 24    2.0  207.2        91    2.9  331.2       158    3.0  341.1
 25    2.0  203.6        92    3.4  330.4       159    2.3  351.8
 26    2.3  198.8        93    3.6  330.5       160    2.6  346.7
 27    2.6  188.8        94    3.8  328.8       161    3.0  339.5
 28    3.1  182.2        95    3.9  326.6       162    3.2  338.7
 29    3.3  183.3        96    3.9  324.1       163    3.2  337.5
 30    3.5  187.0        97    3.8  322.9       164    3.2  335.3
 31    3.6  189.5        98    3.7  321.2       165    2.8  342.3
 32    3.7  191.7        99    3.5  319.9       166    2.7  341.4
 33    3.6  194.4       100    3.3  321.3       167    3.3  331.4
 34    3.6  194.7       101    3.2  324.5       168    3.9  328.1
 35    3.5  195.9       102    3.0  329.4       169    4.4  328.4
 36    3.4  197.8       103    2.8  336.1       170    4.7  333.1
 37    3.2  198.6       104    2.9  335.1       171    4.5  335.2
 38    2.7  196.7       105    3.1  330.9       172    4.3  337.6
 39    2.4  190.8       106    3.0  329.4       173    4.1  339.8
 40    2.8  194.0       107    3.0  326.5       174    3.9  341.7
 41    2.8  189.2       108    3.0  325.2       175    3.8  343.2
 42    2.6  187.6       109    3.2  323.8       176    3.8  344.0
 43    2.5  189.0       110    3.4  323.2       177    3.9  343.6
 44    2.4  189.2       111    3.4  322.0       178    4.4  340.4
 45    2.5  187.7       112    3.5  320.3       179    5.1  338.1
 46    2.6  187.1       113    3.5  323.0       180    4.5  334.7
 47    2.7  188.9       114    3.4  330.3       181    4.2  333.8
 48    2.8  193.0       115    3.6  335.1       182    3.9  332.2
 49    3.0  198.2       116    4.1  335.3       183    3.7  332.2
 50    2.8  197.6       117    4.0  338.9       184    3.5  331.8
 51    2.5  198.9       118    3.9  344.3       185    3.3  332.0
 52    2.1  201.0       119    3.7  349.6       186    3.2  332.0
 53    1.8  205.4       120    3.4  355.1       187    3.2  331.2
 54    1.6  207.2       121    3.1    3.2       188    3.3  327.2
 55    1.3  216.4       122    2.9   11.4       189    3.4  322.2
 56    1.1  241.3       123    2.8   19.8       190    3.4  316.1
 57    1.1  280.0       124    2.8   24.2       191    3.4  310.6
 58    1.5  315.3       125    2.8   22.0       192    3.4  306.7
 59    2.1  328.9       126    2.8   17.3       193    3.2  305.6
 60    2.8  313.2       127    3.0    2.0       194    2.9  305.0
 61    3.3  298.6       128    3.2  350.0       195    2.6  305.3
 62    3.5  288.2       129    3.0  349.6       196    2.2  305.5
 63    2.9  294.1       130    2.8  351.2       197    1.9  297.5
 64    2.3  302.3       131    3.0  347.6       198    1.7  315.3
 65    2.5  299.5       132    2.9  343.0       199    1.4  324.8
 66    2.8  296.4       133    2.9  339.6       200    1.3  330.0
```

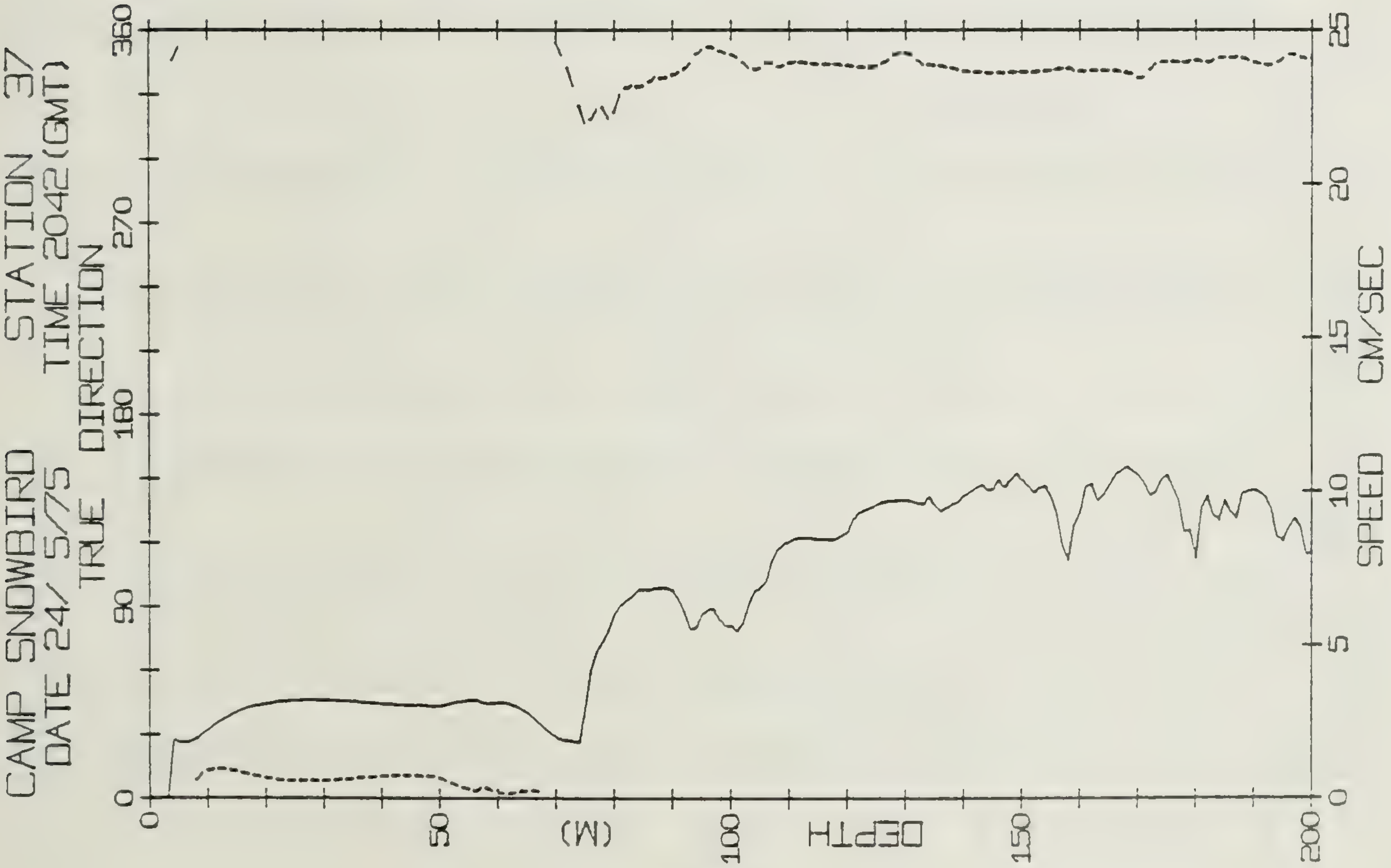

CAMP SNOWBIRD STATION 36
DATE 24/ 5/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 35
DATE 23/ 5/75 TIME 2046(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION  35     (200M. )      23/MAY/75       2046 GMT
LAT= 76.1545N  LONG= 148.0441W  LTER=      1    LGER=      2
NIVEL-   -2.0   EIVEL=    3.0   NVER=      0    EVER=      0

 DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
   0    0.0  999.9        67    5.5   11.7       134    5.9    6.2
   1    0.0  999.9        68    5.9    9.1       135    6.3    5.8
   2    0.0  999.9        69    5.9    5.3       136    6.6    5.1
   3    0.0  999.9        70    5.7    0.1       137    6.7    3.0
   4    3.4  157.7        71    5.6  357.1       138    6.8    0.5
   5    5.7  168.1        72    5.4    3.1       139    6.9    0.3
   6    5.8  167.8        73    5.4   11.3       140    7.0    0.8
   7    5.7  161.0        74    5.1   19.0       141    7.2    2.2
   8    5.6  150.5        75    4.9   22.2       142    7.2    3.3
   9    5.1  158.5        76    5.3   23.6       143    7.1    4.3
  10    5.1  168.3        77    5.6   24.0       144    7.2    5.6
  11    5.2  188.3        78    5.3   24.9       145    7.2    5.1
  12    4.7  209.2        79    4.8   28.4       146    7.3    3.7
  13    3.9  236.8        80    4.2   39.2       147    7.5    2.3
  14    3.7  242.0        81    4.5   37.4       148    7.3    2.8
  15    3.3  240.3        82    4.4   31.1       149    7.1    2.7
  16    2.9  242.0        83    4.2    7.2       150    7.4    2.4
  17    2.6  243.0        84    4.0    5.0       151    7.6    1.9
  18    2.4  247.0        85    4.3    8.3       152    7.6    2.1
  19    2.3  246.3        86    4.9    5.5       153    7.6    2.3
  20    2.2  243.6        87    5.6    4.3       154    7.5    3.5
  21    2.2  238.2        88    5.8  359.9       155    8.0    1.3
  22    2.1  234.4        89    6.1  355.3       156    8.4  359.8
  23    2.1  234.0        90    6.5  352.0       157    8.0    0.2
  24    2.0  233.1        91    6.8  351.1       158    7.2    2.9
  25    2.0  231.7        92    7.0  352.3       159    6.2    8.0
  26    2.2  227.9        93    6.8  354.9       160    6.7    6.6
  27    2.5  223.9        94    6.6  356.9       161    7.1    6.4
  28    2.7  220.3        95    6.5  357.7       162    7.7    4.5
  29    2.9  218.6        96    6.4  358.9       163    8.8    2.8
  30    3.3  217.3        97    6.3    0.7       164    8.0    4.1
  31    3.7  215.3        98    6.1    2.5       165    6.7    8.1
  32    4.0  212.1        99    6.0    3.9       166    6.9    6.1
  33    4.4  208.4       100    6.2    4.9       167    7.5    5.0
  34    4.8  203.8       101    6.0    5.5       168    7.8    4.9
  35    4.9  201.5       102    6.5    5.5       169    8.6    2.4
  36    4.9  199.6       103    6.3    4.3       170    9.1    1.4
  37    4.8  198.8       104    6.4    2.1       171    8.9    1.9
  38    5.1  200.1       105    6.5  357.5       172    8.5    3.1
  39    5.2  202.7       106    6.0  353.5       173    8.0    3.9
  40    5.2  208.5       107    5.6  351.9       174    7.1    4.4
  41    4.8  218.7       108    5.5  353.6       175    7.2    5.8
  42    4.2  226.8       109    6.0  355.6       176    7.9    6.5
  43    3.9  223.1       110    6.7  356.6       177    8.1    5.4
  44    3.8  223.1       111    6.4  358.4       178    8.9    1.2
  45    3.9  229.1       112    6.9  358.3       179    9.4  357.8
  46    3.9  230.7       113    7.1  358.4       180    9.5  354.8
  47    3.9  231.5       114    7.2  359.2       181    9.5  353.6
  48    3.9  232.1       115    7.3    0.2       182    9.4  354.4
  49    3.9  231.2       116    7.3    5.9       183    9.3  355.0
  50    4.0  230.0       117    7.2   22.3       184    9.2  355.9
  51    4.0  230.0       118    6.9   47.0       185    8.9  356.9
  52    3.9  231.0       119    6.9   62.3       186    8.8  355.8
  53    3.8  234.7       120    7.1   57.3       187    8.8  354.2
  54    3.5  242.0       121    7.6   33.2       188    7.8  354.8
  55    3.1  254.8       122    7.3   12.8       189    8.3  353.4
  56    2.7  271.9       123    7.5    3.7       190    7.1  356.2
  57    2.5  292.6       124    6.8    4.5       191    7.8  354.5
  58    2.5  314.4       125    6.8    5.4       192    8.4  352.7
  59    3.2  332.2       126    7.1    4.0       193    8.3  350.3
  60    3.5  340.7       127    6.8    2.3       194    7.1  351.3
  61    3.1    3.3       128    6.5    2.5       195    6.4  353.4
  62    2.6   12.9       129    7.0    3.7       196    7.2  351.3
  63    2.8   15.8       130    7.3    5.1       197    6.9  353.1
  64    3.3   14.2       131    6.9    5.3       198    6.5  352.4
  65    4.1   14.1       132    6.5    5.4       199    6.3  345.1
  66    4.0   13.1       133    6.2    5.6       200    7.1  340.3
```

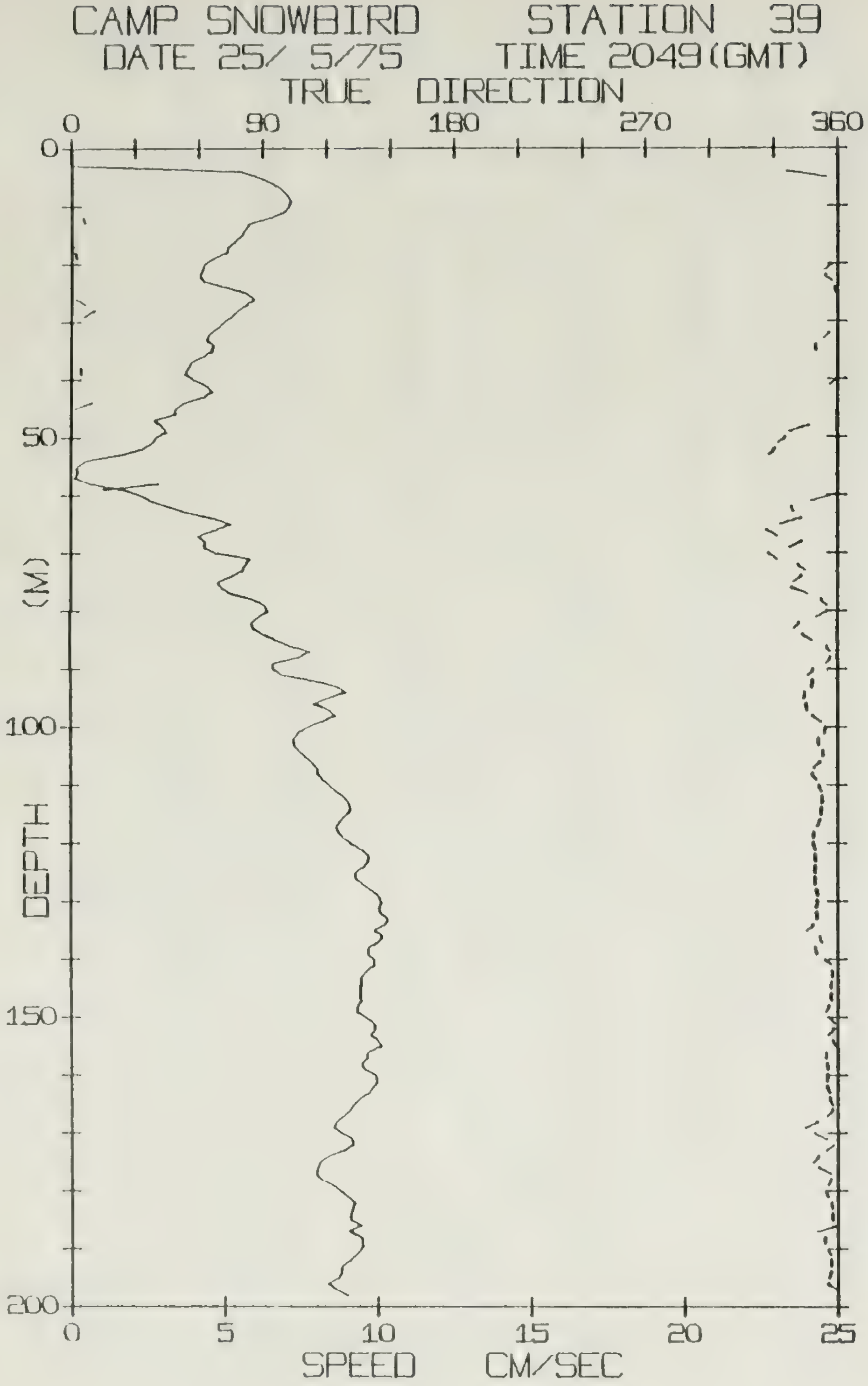
```
SNOWBIRD STATION  36     (200M )      24/MAY/75        542 GMT
LAT= 76.1478N  LONG= 147.9978W  LTER=      9    LGER=     28
NIVEL-   -2.6   EIVEL=    1.6   NVER=     0.    EVER-      1

 DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
   0    0.0  999.9        67    2.4   46.1       134   11.9  359.0
   1    0.0  999.9        68    3.1   35.3       135   12.2  358.8
   2    0.0  999.9        69    3.2   16.6       136   12.6  358.7
   3    0.0  999.9        70    3.9  357.7       137   13.0  358.7
   4    3.5  116.2        71    4.4  350.3       138   13.3  358.5
   5    3.1  113.4        72    4.8  353.9       139   13.6  358.6
   6    3.0  112.4        73    5.1  357.0       140   13.7  358.9
   7    2.7  111.2        74    5.2  359.9       141   13.8  359.0
   8    2.5  110.7        75    5.0    3.3       142   13.5  358.8
   9    2.3  110.8        76    5.0    4.6       143   13.1  358.7
  10    2.1  111.6        77    5.1    1.8       144   13.2  358.9
  11    1.8  113.7        78    5.2  358.4       145   12.8  359.3
  12    1.6  117.5        79    5.3  354.7       146   12.4  359.8
  13    1.4  124.6        80    5.4  351.4       147   12.8  359.4
  14    1.3  133.8        81    5.6  358.4       148   12.8  357.3
  15    1.3  140.1        82    5.6   13.1       149   12.1  355.9
  16    1.4  147.2        83    5.2   23.5       150   12.5  355.9
  17    1.5  155.7        84    5.2   19.5       151   12.7  355.7
  18    1.7  161.4        85    5.4    4.5       152   12.6  355.8
  19    2.0  165.1        86    5.7  356.7       153   12.6  355.9
  20    2.3  165.1        87    5.9  352.3       154   12.9  355.7
  21    2.5  162.0        88    5.9  351.9       155   13.4  355.4
  22    2.7  155.7        89    5.6  350.0       156   14.0  355.0
  23    2.9  148.7        90    5.6  348.8       157   14.6  354.8
  24    2.9  145.5        91    5.4  348.1       158   14.5  354.9
  25    2.9  140.6        92    5.4  352.4       159   13.5  355.5
  26    2.8  135.7        93    5.6  355.7       160   12.6  356.1
  27    2.7  130.8        94    5.9  359.0       161   12.5  355.9
  28    2.7  123.0        95    6.1    2.2       162   11.6  356.6
  29    2.9  116.0        96    6.3    5.0       163   11.7  356.7
  30    2.9  113.1        97    6.3    6.5       164   12.3  356.4
  31    2.8  111.2        98    6.0    8.3       165   12.9  356.1
  32    2.8  109.9        99    5.1   10.4       166   12.4  356.3
  33    2.8  109.9       100    6.4    9.3       167   12.3  356.4
  34    2.8  109.9       101    5.6   10.0       168   12.9  356.1
  35    2.8  109.9       102    6.8    6.1       169   13.0  356.0
  36    2.8  109.7       103    6.9    3.1       170   13.3  355.7
  37    2.7  109.6       104    6.9  359.4       171   13.6  355.5
  38    2.6  109.6       105    7.1  356.6       172   13.7  355.4
  39    2.5  109.8       106    7.7  355.3       173   13.8  355.3
  40    2.4  110.4       107    8.0  354.6       174   14.3  355.4
  41    2.3  111.2       108    7.9  354.1       175   14.4  355.1
  42    2.2  112.6       109    7.3  354.2       176   14.2  354.8
  43    2.1  114.4       110    8.3  352.7       177   14.2  354.2
  44    2.0  116.9       111    8.3  352.1       178   14.2  352.6
  45    1.9  119.8       112    8.2  352.0       179   13.6  350.9
  46    1.7  125.0       113    8.0  353.8       180   13.5  348.9
  47    1.5  133.4       114    6.8  356.4       181   13.7  347.6
  48    1.4  143.9       115    8.0  357.3       182   13.2  346.3
  49    1.5  154.9       116    8.9  357.4       183   13.0  347.4
  50    1.8  161.3       117    9.4  357.0       184   12.9  348.4
  51    2.1  163.2       118    9.3  357.2       185   12.6  349.5
  52    2.4  161.7       119    9.3  357.5       186   12.2  350.2
  53    2.6  157.9       120    9.2  356.0       187   12.0  350.4
  54    2.8  151.6       121    8.8  354.7       188   12.4  350.2
  55    2.9  145.9       122    8.7  348.7       189   12.4  350.3
  56    3.0  139.3       123    9.4  349.5       190   12.4  350.3
  57    3.0  133.2       124   10.0  354.2       191   12.5  350.2
  58    2.7  130.3       125    9.9  355.8       192   12.5  350.3
  59    1.6  143.1       126    9.9  357.3       193   12.1  350.5
  60    1.9  318.0       127   11.0  356.8       194   11.7  350.7
  61    2.7  311.1       128   10.6  359.4       195   11.6  350.7
  62    3.0  314.4       129   10.9  359.1       196   11.8  350.6
  63    2.6  321.7       130   11.1  358.9       197   12.1  350.6
  64    1.3  350.9       131   10.8  359.0       198   12.0  348.7
  65    1.1   45.5       132   11.1  359.0       199   11.6  346.4
  66    1.7   60.9       133   11.4  359.1       200   11.7  346.2
```

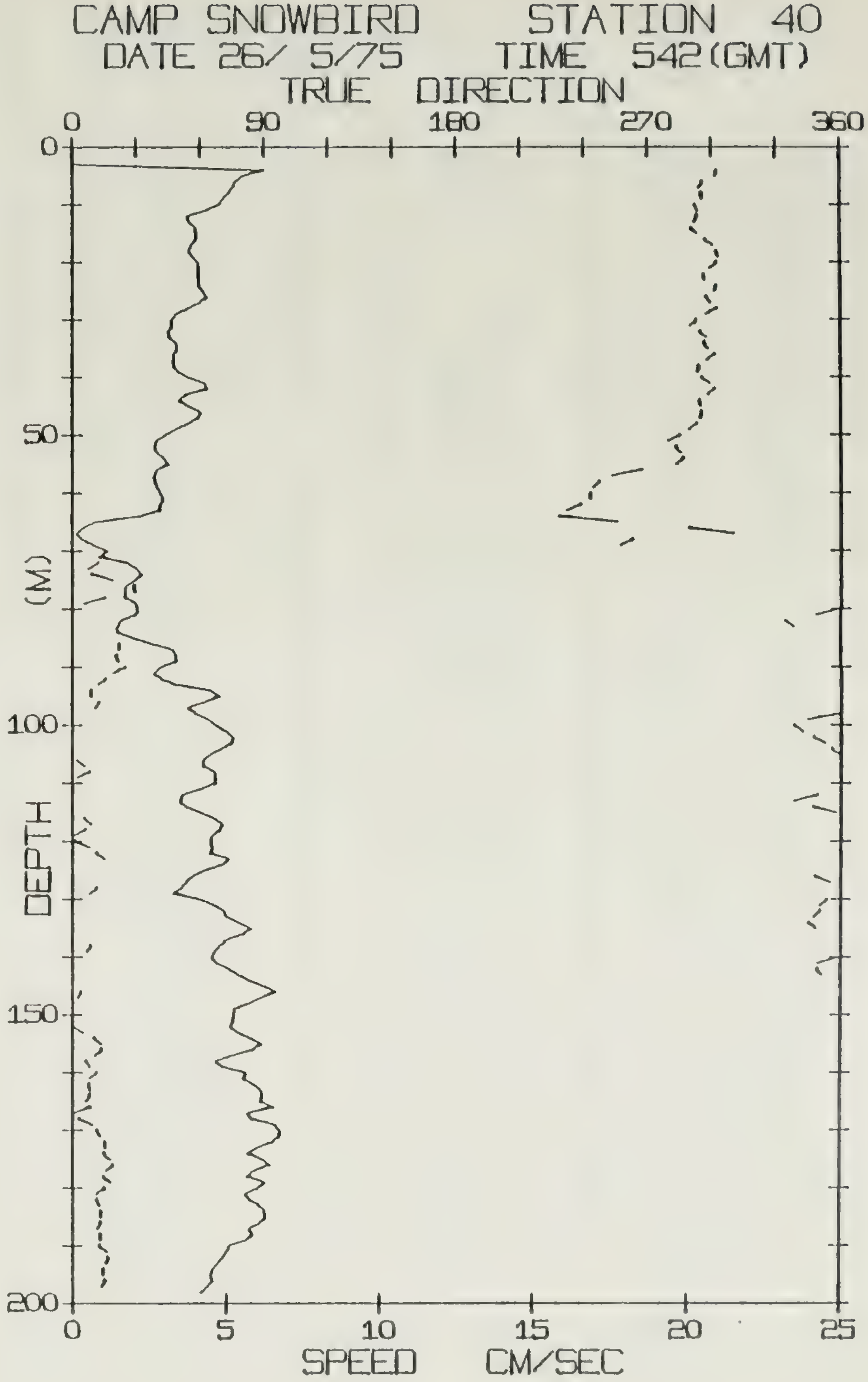

CAMP SNOWBIRD STATION 38
DATE 25/ 5/75 TIME 546(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 37
DATE 24/ 5/75 TIME 2042(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  37     (200M )      24/MAY/75      2042 GMT
LAT= 76.1453N  LONG= 147.9782W  LTER=      0    LCER=      0
NIVEL=   1.7   EIVEL=    0.2    NVER=      0    EVER=      0


DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    2.5     3.4     134    9.9   343.7
  1    0.0   999.9      68    2.3     1.7     135    9.6   343.4
  2    0.0   999.9      69    2.1   358.7     136    9.4   343.0
  3    0.0   999.9      70    2.0   354.6     137    9.5   342.5
  4    1.9   346.4      71    1.9   348.5     138    9.6   342.0
  5    1.8   351.9      72    1.9   342.4     139    9.7   341.5
  6    1.8   359.3      73    1.8   334.2     140    9.9   340.9
  7    1.9     4.6      74    1.9   324.9     141   10.0   340.5
  8    2.0     8.8      75    3.0   316.8     142   10.1   340.3
  9    2.1    11.6      76    4.2   318.3     143   10.2   340.1
 10    2.3    13.0      77    4.8   322.9     144   10.1   340.0
 11    2.4    13.8      78    5.1   323.9     145   10.1   339.9
 12    2.5    13.9      79    5.5   319.3     146   10.4   340.2
 13    2.6    13.6      80    6.0   321.9     147   10.1   340.3
 14    2.8    13.2      81    6.3   329.8     148   10.4   340.4
 15    2.8    12.5      82    6.5   332.9     149   10.6   340.6
 16    2.9    11.8      83    6.6   334.3     150   10.4   340.6
 17    3.0    11.2      84    6.8   333.8     151   10.2   340.7
 18    3.0    10.5      85    6.8   334.4     152   10.0   340.7
 19    3.1     9.9      86    6.8   336.1     153   10.1   340.8
 20    3.1     9.4      87    6.9   338.1     154   10.2   341.0
 21    3.1     9.0      88    6.9   337.8     155    9.9   341.4
 22    3.2     8.7      89    6.9   338.1     156    9.3   341.8
 23    3.2     8.4      90    6.8   339.3     157    8.2   342.2
 24    3.2     8.1      91    6.5   340.5     158    7.8   342.2
 25    3.2     8.0      92    6.1   342.0     159    8.9   341.0
 26    3.2     8.0      93    5.5   344.8     160    9.3   340.6
 27    3.2     8.0      94    5.6   349.2     161   10.2   341.2
 28    3.2     8.1      95    6.0   351.0     162   10.3   341.4
 29    3.2     8.2      96    6.2   352.2     163    9.7   341.2
 30    3.2     8.4      97    6.2   351.8     164    9.9   341.4
 31    3.2     8.6      98    5.9   350.6     165   10.2   341.2
 32    3.2     8.8      99    5.7   349.4     166   10.5   341.0
 33    3.2     9.0     100    5.6   348.7     167   10.7   340.5
 34    3.2     9.3     101    5.5   347.5     168   10.8   339.9
 35    3.2     9.5     102    5.7   345.2     169   10.7   339.4
 36    3.1     9.8     103    6.3   342.5     170   10.5   337.7
 37    3.1    10.0     104    6.8   341.9     171   10.3   338.2
 38    3.1    10.2     105    6.9   342.5     172    9.9   341.6
 39    3.1    10.4     106    7.1   345.1     173   10.0   344.5
 40    3.1    10.5     107    7.8   344.7     174   10.4   345.3
 41    3.1    10.7     108    8.1   343.0     175   10.6   345.6
 42    3.1    10.7     109    8.3   343.5     176   10.1   345.6
 43    3.0    10.7     110    8.4   344.9     177    9.7   345.0
 44    3.0    10.7     111    8.5   345.6     178    8.7   344.9
 45    3.0    10.8     112    8.5   345.1     179    8.8   346.0
 46    3.0    10.5     113    8.5   344.7     180    7.8   346.3
 47    3.0    10.4     114    8.5   344.4     181    9.5   345.4
 48    3.0    10.5     115    8.4   344.3     182    9.9   345.2
 49    3.0    10.2     116    8.4   344.2     183    9.2   346.2
 50    3.0     9.5     117    8.5   344.1     184    9.1   347.3
 51    3.1     8.4     118    8.5   343.9     185    9.7   347.3
 52    3.1     7.2     119    8.6   343.7     186    9.3   347.5
 53    3.2     6.2     120    8.7   343.4     187    9.1   347.6
 54    3.2     5.0     121    9.1   343.0     188    9.9   347.2
 55    3.2     4.2     122    9.3   342.8     189   10.0   346.1
 56    3.2     3.4     123    9.4   342.7     190   10.1   345.0
 57    3.1     4.9     124    9.5   342.6     191    9.9   344.3
 58    3.1     5.0     125    9.6   343.6     192    9.8   343.5
 59    3.1     3.7     126    9.7   344.9     193    9.5   343.9
 60    3.1     2.8     127    9.7   346.6     194    8.5   345.2
 61    3.1     2.2     128    9.7   348.8     195    8.4   346.9
 62    3.1     2.4     129    9.7   349.9     196    8.8   348.7
 63    3.0     3.1     130    9.7   349.6     197    9.1   348.7
 64    2.9     3.6     131    9.7   348.4     198    8.9   347.5
 65    2.8     3.9     132    9.6   346.0     199    8.0   346.4
 66    2.6     4.0     133    9.6   344.1     200    8.0   346.4
```

```
SNOWBIRD STATION  38     (200M.)      25/MAY/75       546 GMT
LAT= 76.1534N  LONG= 147.9671W  LTER=     1.    LCER=     2.
NIVEL=   3.3   EIVEL=   -1.9    NVER=     0.    EVER=      0


DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    2.8   351.8     134    9.9     3.1
  1    0.0   999.9      68    2.9   352.7     135    9.9     3.7
  2    0.0   999.9      69    3.0   353.4     136    9.9     4.2
  3    0.0   999.9      70    3.1   354.0     137    9.8     4.1
  4    1.9    18.7      71    3.2   354.5     138    9.8     3.8
  5    1.8    30.6      72    3.3   354.8     139    9.7     3.7
  6    2.1    35.7      73    3.4   355.1     140    9.6     3.5
  7    2.6    36.2      74    3.5   355.2     141    9.7     2.3
  8    3.1    31.8      75    3.6   355.1     142    9.7     1.8
  9    3.1    29.5      76    3.7   355.0     143    9.8     1.3
 10    2.4    30.3      77    3.8   354.7     144    9.9     1.3
 11    2.7    34.1      78    4.0   354.4     145    9.9     2.5
 12    3.5    34.9      79    4.1   354.0     146    9.9     4.1
 13    4.0    31.6      80    4.2   353.4     147    9.8     5.5
 14    4.4    29.1      81    4.3   352.9     148    9.8     6.5
 15    4.0    42.7      82    4.4   352.2     149    9.8     6.3
 16    3.8    45.0      83    4.5   351.5     150    9.9     5.9
 17    3.4    59.7      84    4.5   350.8     151    9.9     5.9
 18    3.1    73.8      85    4.6   350.0     152    9.8     4.9
 19    2.8    83.1      86    4.7   349.3     153    9.7     3.5
 20    2.6    85.0      87    4.8   348.5     154    9.8     2.2
 21    2.3    84.5      88    4.8   347.7     155   10.1     1.7
 22    2.3    87.9      89    4.9   347.0     156   10.4     1.3
 23    2.3    86.0      90    4.9   346.4     157   10.3     0.1
 24    2.2    81.0      91    5.0   345.6     158   10.0   359.5
 25    2.0    75.5      92    5.2   345.9     159    9.7   358.6
 26    1.9    70.7      93    5.9   349.9     160    9.2   358.4
 27    2.0    70.3      94    6.4   352.4     161    9.2   358.9
 28    2.1    72.3      95    6.9   355.0     162    9.6   359.3
 29    2.0    78.5      96    7.2   357.4     163    9.8     1.3
 30    1.7    75.1      97    7.4   358.8     164    9.8     3.1
 31    1.6    63.5      98    7.3   359.8     165    9.5     4.1
 32    1.8    56.1      99    7.2   359.9     166    9.1     4.0
 33    2.0    50.1     100    7.0   358.9     167    8.8     2.6
 34    2.2    48.5     101    6.8   357.5     168    8.7     0.9
 35    2.4    52.1     102    6.6   355.4     169    8.6     0.4
 36    2.6    56.3     103    6.3   352.8     170    9.0     0.5
 37    2.7    57.7     104    6.2   350.7     171    9.4     0.6
 38    2.8    59.1     105    6.4   350.7     172    9.6   359.6
 39    2.9    59.8     106    6.7   351.3     173    9.5   358.0
 40    2.8    61.6     107    6.6   351.6     174    9.6   358.1
 41    2.8    62.7     108    6.5   351.9     175    9.5   357.7
 42    2.9    62.5     109    6.7   353.2     176    9.2   356.8
 43    2.9    63.3     110    6.9   353.9     177    9.0   356.5
 44    3.2    58.4     111    6.9   353.8     178    9.0   356.0
 45    3.0    57.9     112    6.6   352.5     179    9.1   355.7
 46    2.7    58.0     113    6.6   351.4     180    9.2   355.0
 47    2.7    56.6     114    6.8   350.5     181    9.1   353.6
 48    2.7    59.6     115    7.5   352.6     182    9.1   353.4
 49    2.4    69.0     116    8.2   354.9     183    9.1   353.2
 50    2.3    79.7     117    8.5   357.0     184    8.7   352.8
 51    2.3    88.2     118    8.6   358.7     185    8.9   352.5
 52    2.4    92.8     119    8.7   359.6     186    9.1   351.3
 53    2.4    94.4     120    8.8     0.1     187    9.4   351.9
 54    2.3    95.0     121    9.0   359.8     188    9.5   355.4
 55    2.0    90.1     122    9.1   359.6     189    9.4   357.6
 56    1.4    62.1     123    9.3   358.7     190    9.3   358.8
 57    1.6   353.3     124    9.5   357.9     191    9.3   359.3
 58    1.9   349.0     125    9.7   357.2     192    9.3   358.8
 59    1.8   351.8     126    9.8   358.0     193    9.3   358.2
 60    1.8   355.5     127    9.9   359.6     194    9.2   357.5
 61    1.7   360.0     128    9.8     0.4     195    8.9   356.6
 62    1.9   359.4     129    9.8     0.3     196    8.7   356.2
 63    2.1   358.3     130    9.8   359.7     197    8.5     7.3
 64    2.4   353.0     131    9.9     0.2     198    8.4     5.9
 65    2.7   349.9     132    9.9     0.8     199    8.8     4.2
 66    2.8   351.0     133    9.9     2.0     200    8.8     4.2
```

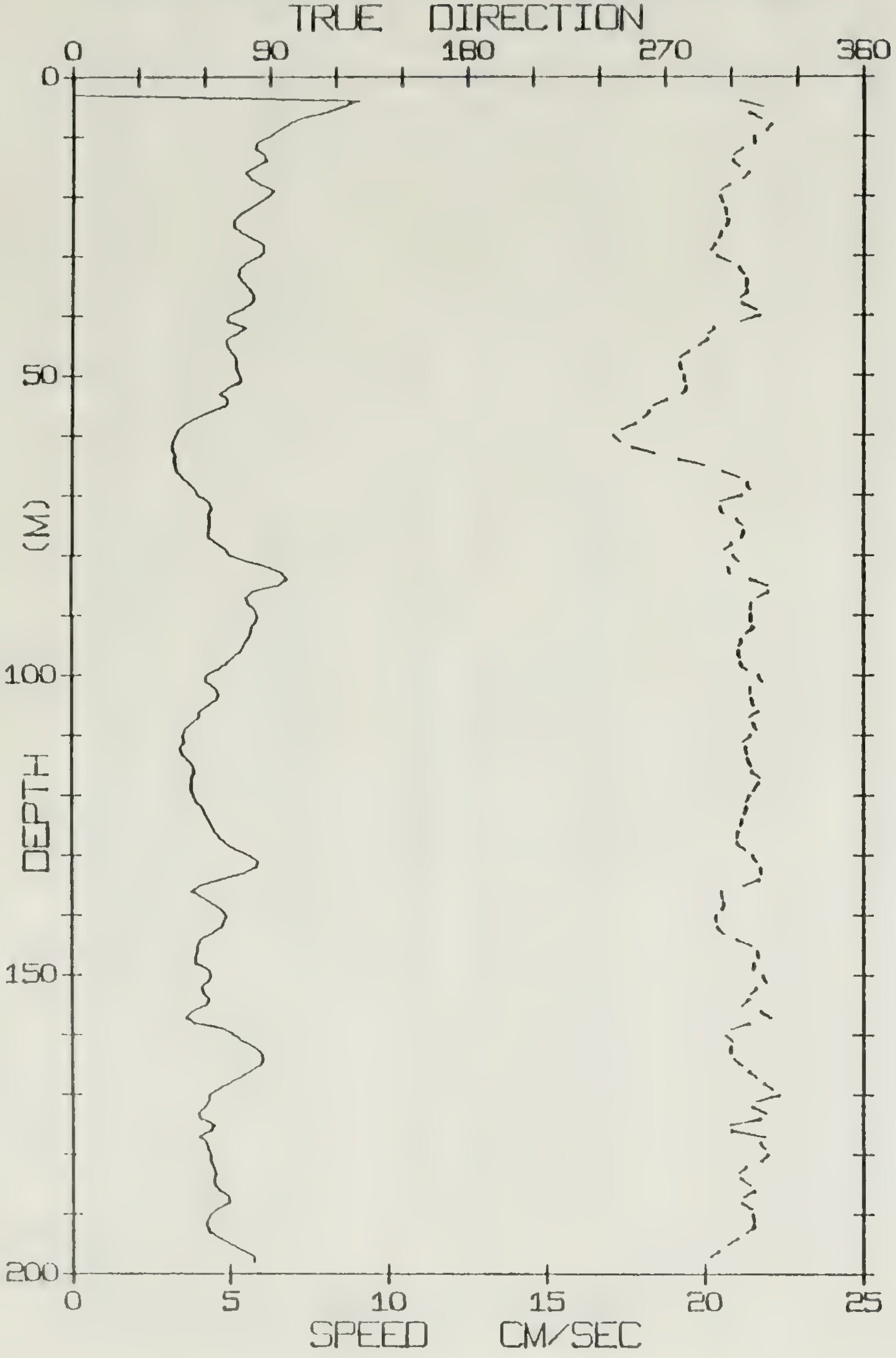

CAMP SNOWBIRD STATION 39
DATE 25/ 5/75 TIME 2049(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 40
DATE 26/ 5/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

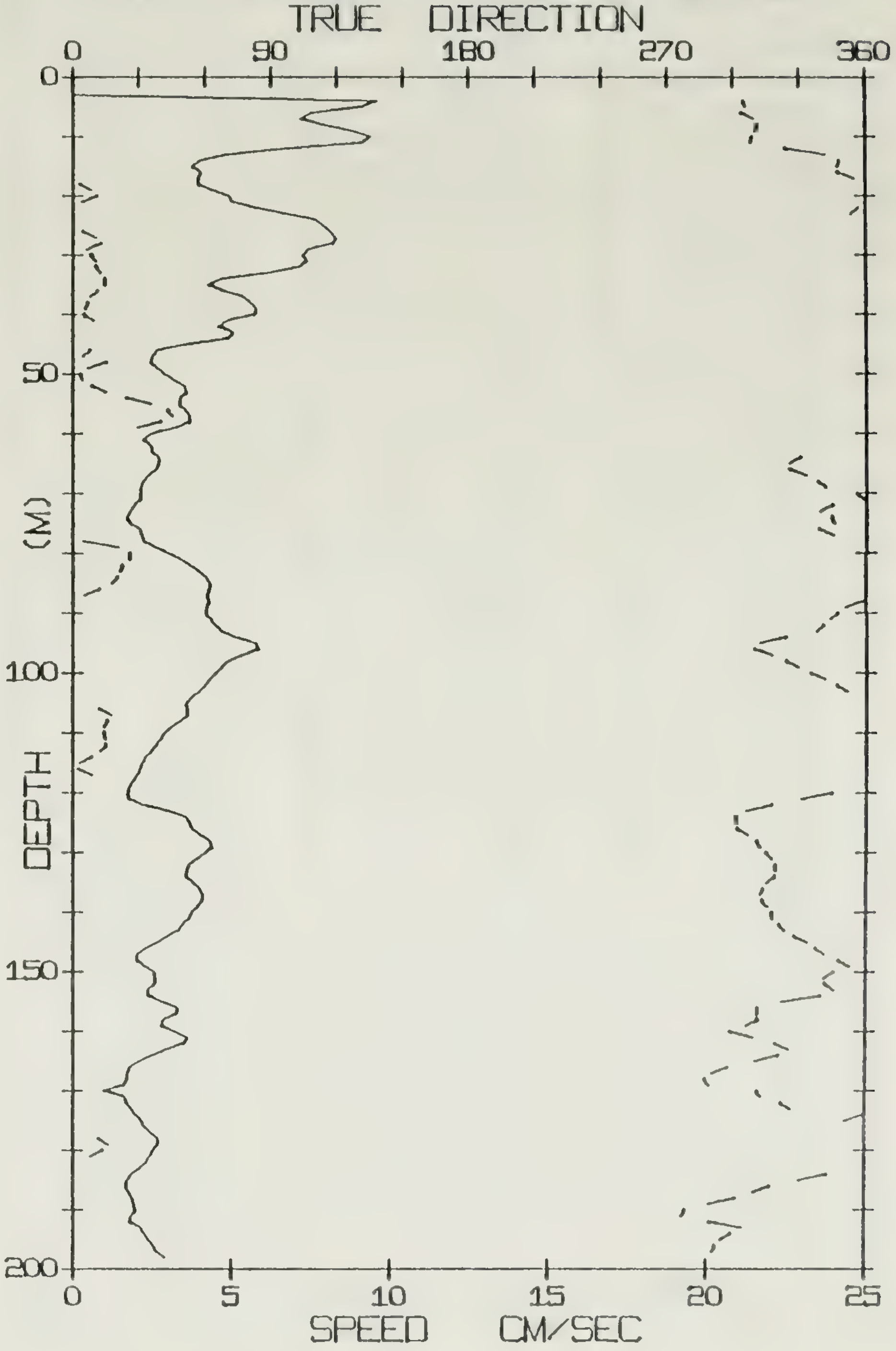
```
SNOWBIRD STATION  39     (198M.)      25/MAY/75      2049 GMT
LAT= 76.1755N  LONG= 140.0309W  LTER=     1   LGER=      2
NIVEL=    5.5   EIVEL=   -7.7      NVER=     0   EVER=      0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    4.2   331.7     134   10.3   340.8
  1    0.0   999.9      68    4.4   343.0     135    9.9   345.8
  2    0.0   999.9      69    4.4   338.0     136   10.2   352.0
  3    0.0   999.9      70    4.7   327.9     137   10.0   353.0
  4    5.5   336.4      71    5.9   331.8     138    9.7   350.0
  5    6.1   354.5      72    5.7   341.6     139    9.7   350.6
  6    6.5   359.9      73    5.6   345.0     140    9.9   354.3
  7    6.9     1.7      74    5.3   343.2     141    9.9   357.6
  8    7.0     1.1      75    4.8   339.4     142    9.7   357.9
  9    7.2   359.1      76    4.9   338.7     143    9.5   357.5
 10    7.1   357.8      77    5.2   346.2     144    9.5   357.0
 11    7.0     1.2      78    5.9   352.5     145    9.4   357.0
 12    6.5     5.8      79    6.4   355.0     146    9.5   357.2
 13    5.8     6.5      80    6.5   355.5     147    9.5   357.6
 14    5.7     3.9      81    6.2   350.7     148    9.4   355.9
 15    5.6   359.9      82    5.9   342.1     149    9.3   354.7
 16    5.4     0.2      83    6.0   339.7     150    9.6   356.8
 17    5.1     0.9      84    6.3   343.6     151    9.9   358.6
 18    5.1     2.2      85    6.7   347.8     152    9.9   358.2
 19    4.7     2.8      86    7.2   354.9     153    9.8   356.0
 20    4.4   358.2      87    7.8   356.5     154   10.0   358.1
 21    4.3   354.3      88    7.5   356.8     155   10.2   359.5
 22    4.2   354.6      89    6.6   354.8     156    9.7   355.0
 23    4.4   357.4      90    6.6   348.7     157    9.7   354.5
 24    5.0   358.8      91    6.9   346.6     158    9.5   355.5
 25    5.7   359.6      92    7.9   348.3     159    9.6   355.7
 26    6.0     2.6      93    8.7   347.9     160   10.0   355.2
 27    5.8     6.7      94    9.0   344.8     161   10.0   355.0
 28    5.5    10.7      95    8.4   344.1     162    9.9   355.5
 29    5.3     6.6      96    7.9   345.4     163    9.8   356.6
 30    5.0     0.2      97    8.4   346.0     164    9.5   356.9
 31    4.8   357.5      98    8.7   348.4     165    9.3   357.6
 32    4.5   356.1      99    8.2   352.4     166    9.1   357.7
 33    4.4   353.6     100    7.7   354.7     167    8.9   355.6
 34    4.6   349.8     101    7.4   354.0     168    8.7   350.6
 35    4.6   350.2     102    7.3   351.5     169    8.6   345.3
 36    4.3   355.6     103    7.3   351.8     170    8.8   348.9
 37    4.0     1.3     104    7.5   353.6     171    9.2   354.9
 38    3.8     5.0     105    7.7   352.9     172    9.2   357.9
 39    3.7     4.8     106    7.9   351.7     173    8.9   355.0
 40    4.0   359.7     107    8.0   349.0     174    8.4   351.3
 41    4.4   356.6     108    8.1   348.2     175    8.1   340.9
 42    4.6   358.9     109    8.3   350.0     176    8.0   351.4
 43    4.4     3.8     110    8.5   351.7     177    8.0   356.8
 44    3.7    10.1     111    8.7   352.8     178    8.1   356.8
 45    3.4     2.2     112    8.9   353.4     179    8.6   355.5
 46    3.4   353.6     113    9.1   352.8     180    8.8   354.6
 47    2.7     0.4     114    9.2   352.6     181    9.0   355.6
 48    3.0   346.8     115    9.0   352.3     182    9.3   357.3
 49    3.1   337.8     116    8.8   351.7     183    9.2   357.9
 50    2.8   335.5     117    8.7   350.6     184    9.1   357.9
 51    2.6   332.6     118    8.7   349.0     185    9.1   357.4
 52    2.3   330.5     119    8.9   348.5     186    9.5   359.7
 53    1.6   328.3     120    9.2   348.7     187    9.0   350.9
 54    0.5   333.8     121    9.5   349.5     188    9.5   354.1
 55    0.2   239.2     122    9.7   349.5     189    9.5   354.0
 56    0.2   250.0     123    9.7   349.8     190    9.5   355.7
 57    0.1    59.3     124    9.6   349.3     191    9.3   357.2
 58    0.7    41.1     125    9.3   349.2     192    9.1   357.3
 59    1.7    15.5     126    9.3   349.1     193    8.8   356.9
 60    2.3   358.9     127    9.5   349.7     194    8.8   356.6
 61    2.6   348.1     128    9.8   350.5     195    8.7   356.0
 62    3.2   338.6     129   10.1   351.3     196    8.4   355.2
 63    3.8   339.0     130   10.2   350.7     197    8.6   359.8
 64    4.7   342.0     131   10.1   349.7     198    9.0     1.6
 65    5.2   333.5     132   10.1   350.5
 66    4.7   327.1     133   10.4   350.5
```

```
SNOWBIRD STATION  40     (198M.)      26/MAY/75       542 GMT
LAT= 76.1824N  LONG= 140.1228W  LTER=     1   LGER=      2.
NIVEL=   -0.4   EIVEL=   -7.5      NVER=     0   EVER=      0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    0.1   309.6     134    5.4   345.4
  1    0.0   999.9      68    0.3   262.6     135    5.8   348.5
  2    0.0   999.9      69    0.7   257.2     136    5.6   355.7
  3    0.0   999.9      70    1.2   270.4     137    5.0     3.5
  4    6.2   302.3      71    0.9   357.0     138    4.8     8.4
  5    5.5   301.5      72    1.8    12.1     139    4.6     6.7
  6    5.3   295.8      73    2.1     8.2     140    4.5   359.3
  7    5.2   294.1      74    2.3     9.3     141    4.7   349.7
  8    5.1   295.3      75    2.1    19.0     142    5.1   349.1
  9    4.9   296.0      76    1.8    29.0     143    5.4   351.2
 10    4.8   292.4      77    1.7    29.6     144    5.7   355.7
 11    4.3   293.6      78    1.7    15.4     145    6.2     0.4
 12    3.8   293.2      79    2.1     5.8     146    6.6     4.1
 13    3.8   291.5      80    2.1   358.8     147    6.1     2.6
 14    4.0   290.3      81    2.1   348.7     148    5.7     1.2
 15    4.0   293.0      82    1.6   334.0     149    5.3   356.5
 16    4.0   296.9      83    1.5   337.7     150    5.3   359.9
 17    3.9   300.7      84    1.5   338.9     151    5.2     1.2
 18    3.8   302.2      85    2.0     5.7     152    5.2     0.2
 19    3.9   303.3      86    2.6    22.1     153    5.4     4.6
 20    4.1   302.1      87    3.3    22.0     154    5.8    10.0
 21    4.1   299.5      88    3.4    20.7     155    6.2    13.5
 22    4.1   296.3      89    3.4    21.8     156    5.9    13.8
 23    4.2   297.0      90    2.9    24.7     157    5.2    10.7
 24    4.1   302.2      91    2.7    19.8     158    4.7     6.5
 25    4.3   301.0      92    2.9    15.5     159    4.9     8.4
 26    4.4   297.7      93    3.4    12.4     160    5.7    10.9
 27    4.2   299.6      94    4.5     8.9     161    5.6     8.4
 28    3.8   302.2      95    4.8     9.1     162    5.9     7.5
 29    3.4   297.4      96    4.3    12.4     163    6.1     8.3
 30    3.2   293.0      97    3.8    10.8     164    6.2     7.9
 31    3.3   290.1      98    4.0   360.0     165    6.1     6.3
 32    3.1   294.5      99    4.4   344.7     166    6.6     8.0
 33    3.2   297.2     100    4.7   338.3     167    5.7     0.6
 34    3.4   296.4     101    5.0   342.0     168    5.8     2.9
 35    3.4   298.2     102    5.3   347.4     169    6.6     9.2
 36    3.3   301.0     103    5.2   352.6     170    6.8    11.5
 37    3.3   297.7     104    4.9   356.0     171    6.7    13.0
 38    3.3   294.0     105    4.5   359.4     172    6.5    15.0
 39    3.5   293.2     106    4.3     2.3     173    6.0    15.3
 40    3.8   295.2     107    4.3     5.6     174    5.7    14.6
 41    4.3   299.1     108    4.6     8.1     175    6.2    17.4
 42    4.4   300.8     109    4.7     2.4     176    6.4    18.8
 43    3.7   298.2     110    4.6     0.6     177    5.9    16.0
 44    3.5   294.2     111    4.2   359.1     178    5.7    14.5
 45    3.8   295.0     112    3.6   349.3     179    6.3    17.7
 46    4.2   295.2     113    3.5   338.3     180    6.1    14.7
 47    4.1   294.3     114    3.7   347.0     181    5.6    11.3
 48    3.8   292.8     115    4.2   357.8     182    5.8    11.4
 49    3.4   289.2     116    4.6     5.8     183    6.1    12.5
 50    3.0   285.0     117    4.9     8.5     184    6.3    13.2
 51    2.7   279.7     118    4.8     6.1     185    6.3    13.6
 52    2.7   283.0     119    4.6     0.9     186    6.1    12.9
 53    2.8   285.2     120    4.5     1.4     187    5.8    11.5
 54    3.0   286.5     121    4.6     7.9     188    5.9    13.0
 55    3.1   283.4     122    4.5    11.2     189    5.7    13.3
 56    2.7   267.1     123    5.1    15.0     190    5.1    12.7
 57    2.7   253.3     124    4.9    10.3     191    5.0    15.9
 58    2.7   246.9     125    4.3   359.1     192    4.9    16.7
 59    2.8   244.6     126    3.9   348.2     193    4.7    15.4
 60    2.9   242.9     127    3.7   355.0     194    4.6    14.4
 61    3.0   243.0     128    3.6    11.6     195    4.5    14.0
 62    2.9   238.3     129    3.3     8.3     196    4.6    15.0
 63    2.8   232.0     130    4.2   353.6     197    4.4    13.5
 64    2.2   228.6     131    4.6   350.5     198    4.2    11.7
 65    0.8   255.3     132    4.9   350.1
 66    0.3   289.1     133    5.0   347.6
```

CAMP SNOWBIRD STATION 41
DATE 26/ 5/75 TIME 2043(GMT)

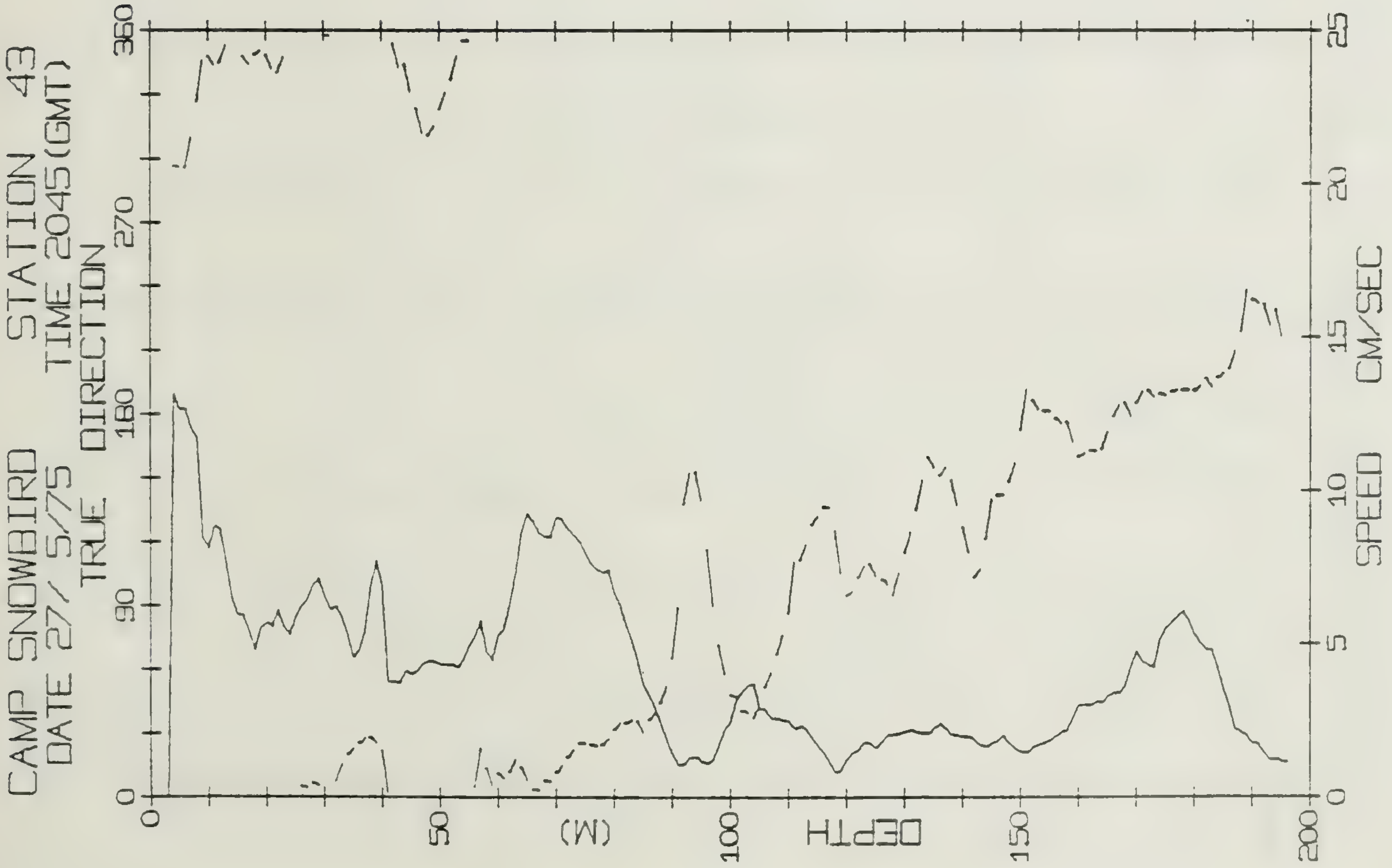


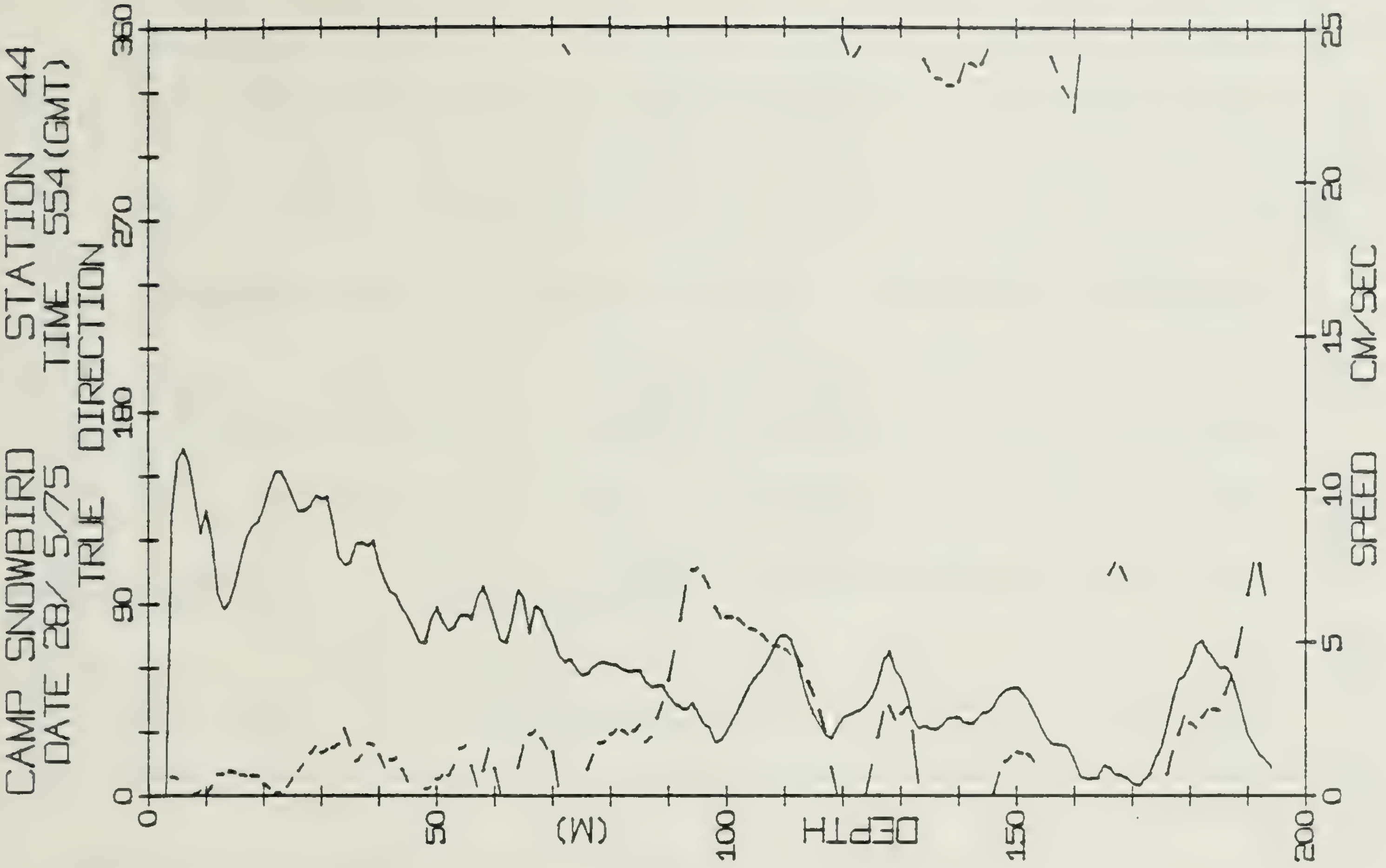
CAMP SNOWBIRD STATION 42
DATE 27/ 5/75 TIME 549(GMT)



```
SNOWBIRD STATION  41     (198M )     26/MAY/75      2043 GMT
LAT= 76.1679N  LONG= 148.3094W  LTER=     1   LGER=     1.
NIVEL=  -2.3   EIVEL= -12.5     NVER=     0   EVER=     0

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    3.5   303.7    134    4.8   312.6
  1    0.0   999.9     68    3.7   307.4    135    4.1   305.7
  2    0.0   999.9     69    3.9   308.7    136    3.8   295.9
  3    0.0   999.9     70    4.0   304.9    137    4.1   296.2
  4    9.1   304.1     71    4.3   295.5    138    4.4   297.2
  5    8.5   314.2     72    4.4   294.9    139    4.7   295.9
  6    8.0   308.3     73    4.3   296.6    140    4.9   293.5
  7    7.2   313.3     74    4.4   302.6    141    4.8   293.2
  8    6.8   317.9     75    4.3   305.3    142    4.7   294.0
  9    6.5   315.7     76    4.3   305.7    143    4.5   296.6
 10    6.2   310.4     77    4.4   304.7    144    4.1   302.4
 11    5.8   310.7     78    4.6   300.2    145    4.0   309.2
 12    5.8   304.9     79    4.9   297.4    146    4.0   311.9
 13    6.1   301.1     80    5.0   301.0    147    3.9   312.5
 14    6.2   300.6     81    5.6   303.5    148    3.9   310.3
 15    5.8   303.6     82    6.3   299.0    149    4.3   309.9
 16    5.5   307.8     83    6.7   299.6    150    4.4   314.6
 17    5.6   305.4     84    6.8   308.9    151    4.3   315.8
 18    5.9   299.5     85    6.6   316.4    152    4.1   311.7
 19    6.4   294.9     86    5.7   317.3    153    4.2   309.0
 20    6.2   295.2     87    5.5   312.2    154    4.4   307.8
 21    5.9   296.4     88    5.6   309.0    155    4.3   305.2
 22    5.6   297.5     89    5.8   308.9    156    3.8   313.7
 23    5.3   298.1     90    5.9   308.9    157    3.6   318.1
 24    5.1   298.7     91    5.8   309.0    158    3.8   308.3
 25    5.1   297.8     92    5.7   309.8    159    4.8   300.2
 26    5.3   295.8     93    5.6   306.8    160    5.2   297.9
 27    5.7   294.3     94    5.6   304.7    161    5.4   300.9
 28    6.0   292.8     95    5.4   303.7    162    5.7   299.8
 29    6.1   290.9     96    5.3   303.2    163    6.0   299.9
 30    5.9   293.5     97    5.1   304.1    164    6.1   301.6
 31    5.5   299.4     98    4.9   304.2    165    6.0   305.0
 32    5.3   303.8     99    4.6   306.9    166    5.7   308.3
 33    5.2   305.7    100    4.3   312.5    167    5.4   311.5
 34    5.4   307.1    101    4.2   314.1    168    5.0   315.1
 35    5.5   306.9    102    4.5   309.0    169    4.7   318.8
 36    5.7   307.4    103    4.7   308.8    170    4.4   321.9
 37    5.8   304.2    104    4.6   309.3    171    4.3   311.9
 38    5.6   305.3    105    4.3   310.3    172    4.2   309.7
 39    5.4   311.3    106    4.1   312.3    173    4.0   315.6
 40    4.9   312.8    107    4.0   308.3    174    4.0   313.5
 41    4.9   304.5    108    3.8   310.1    175    4.5   299.8
 42    5.5   292.4    109    3.6   311.5    176    4.4   300.5
 43    5.2   290.0    110    3.5   308.8    177    4.0   315.2
 44    4.9   289.1    111    3.6   305.5    178    4.2   313.5
 45    4.9   285.3    112    3.4   306.6    179    4.3   315.5
 46    5.0   280.9    113    3.5   307.4    180    4.4   316.7
 47    5.2   276.7    114    3.7   307.8    181    4.4   313.4
 48    5.2   276.8    115    3.8   309.2    182    4.5   306.9
 49    5.2   277.6    116    3.9   309.9    183    4.6   303.7
 50    5.3   278.7    117    3.8   312.9    184    4.5   304.4
 51    5.4   279.2    118    3.8   312.2    185    4.5   308.4
 52    5.0   279.9    119    3.8   310.2    186    4.7   310.2
 53    4.7   277.9    120    3.9   308.2    187    5.0   305.7
 54    4.9   270.9    121    3.9   306.8    188    5.0   304.6
 55    4.9   265.1    122    4.1   306.8    189    4.6   309.2
 56    4.4   263.0    123    4.2   305.9    190    4.4   310.0
 57    4.0   260.3    124    4.3   305.0    191    4.3   310.8
 58    3.6   256.5    125    4.4   304.0    192    4.2   310.8
 59    3.4   250.6    126    4.5   302.9    193    4.4   307.0
 60    3.3   246.9    127    4.7   302.7    194    4.6   302.8
 61    3.2   249.6    128    4.9   303.0    195    5.0   298.6
 62    3.2   255.2    129    5.2   306.4    196    5.4   294.4
 63    3.3   265.6    130    5.6   309.7    197    5.8   290.9
 64    3.2   276.5    131    5.9   311.7    198    5.8   290.1
 65    3.3   287.9    132    5.8   313.4
 66    3.3   296.4    133    5.5   313.8
```

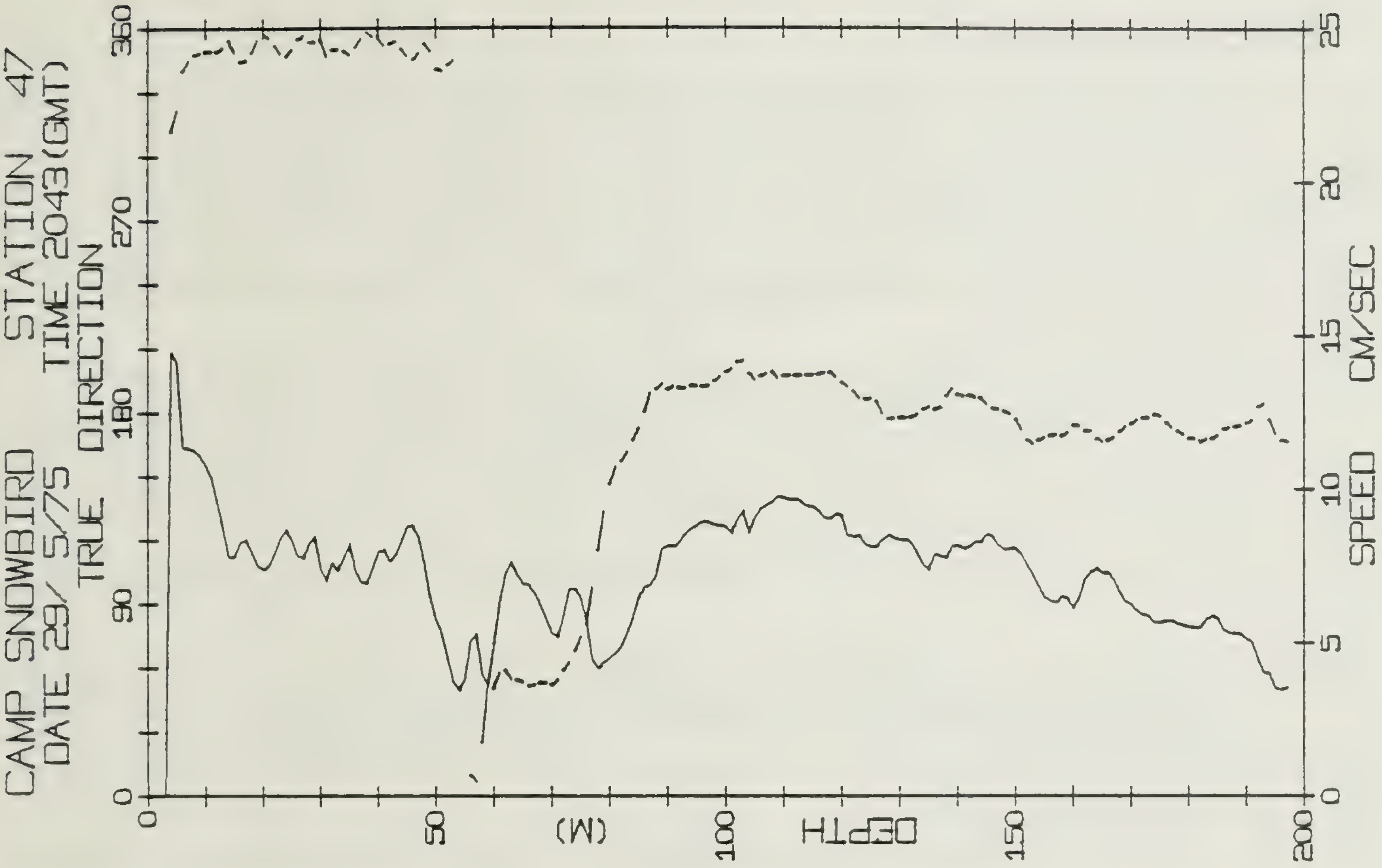
```
SNOWBIRD STATION  42     (198M )     27/MAY/75       549 GMT
LAT= 76.1655N  LONG= 148.4451W  LTER=     1.  LGER=     2.
NIVEL=   1.8   EIVEL= -11.5     NVER=     0.  EVER=     0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    2.4   332.9    134    3.6   318.6
  1    0.0   999.9     68    2.2   338.5    135    3.8   315.2
  2    0.0   999.9     69    2.1   342.3    136    4.0   313.2
  3    0.0   999.9     70    2.1   356.0    137    4.1   311.9
  4    9.6   304.8     71    2.1   358.9    138    4.1   313.0
  5    9.1   305.8     72    1.9   345.3    139    3.9   315.5
  6    7.6   304.0     73    1.8   339.2    140    3.8   317.4
  7    7.2   309.4     74    1.7   344.6    141    3.7   317.9
  8    7.9   310.9     75    1.8   346.1    142    3.5   320.6
  9    8.8   310.1     76    2.1   338.9    143    3.3   323.2
 10    9.4   308.5     77    2.2   345.4    144    3.0   327.7
 11    9.1   307.6     78    2.3     4.8    145    2.7   333.5
 12    6.8   323.8     79    2.6    20.8    146    2.3   337.4
 13    4.9   342.2     80    3.1    25.9    147    2.0   341.3
 14    4.0   348.4     81    3.4    26.0    148    2.0   347.8
 15    3.7   347.3     82    3.7    22.8    149    2.3   352.5
 16    4.0   347.7     83    4.0    21.5    150    2.6   345.6
 17    4.0   355.0     84    4.2    20.2    151    2.6   341.6
 18    4.0     3.3     85    4.3    17.9    152    2.6   341.9
 19    4.4     8.0     86    4.3    12.2    153    2.4   345.9
 20    4.9    10.5     87    4.2     5.3    154    2.4   339.5
 21    5.1     4.5     88    4.3   358.1    155    2.8   322.2
 22    5.8   356.7     89    4.2   350.8    156    3.3   311.2
 23    6.7   353.7     90    4.2   347.2    157    3.3   311.2
 24    7.7   357.7     91    4.4   344.0    158    2.9   311.1
 25    7.9     0.8     92    4.5   340.6    159    2.8   305.9
 26    8.1     4.7     93    4.7   337.8    160    3.2   298.7
 27    8.3    10.4     94    5.1   323.8    161    3.6   308.9
 28    8.2    12.5     95    5.8   311.7    162    3.5   319.1
 29    7.4     6.5     96    5.9   309.6    163    3.0   325.2
 30    7.3     8.4     97    5.3   317.7    164    2.5   320.6
 31    7.4    10.3     98    4.9   324.0    165    2.1   310.1
 32    7.1    10.7     99    4.7   329.2    166    1.8   297.8
 33    6.1    12.6    100    4.5   334.9    167    1.7   290.8
 34    4.7    14.6    101    4.3   341.5    168    1.7   287.2
 35    4.3    14.8    102    4.2   346.9    169    1.6   289.1
 36    4.7    11.1    103    4.0   351.5    170    1.0   310.7
 37    5.4     8.1    104    3.8   356.4    171    1.6   312.8
 38    5.6     6.8    105    3.6     4.0    172    1.7   321.7
 39    5.8     5.7    106    3.6    12.2    173    1.8   326.0
 40    5.7     4.9    107    3.7    17.5    174    2.0   359.0
 41    4.9     9.2    108    3.4    15.8    175    2.2   351.2
 42    4.6     4.6    109    3.1    14.1    176    2.3   359.9
 43    5.1   354.5    110    2.9    14.6    177    2.5     8.1
 44    4.9   353.0    111    2.8    15.1    178    2.7    11.5
 45    3.6     4.5    112    2.6    15.4    179    2.7    15.8
 46    2.7     7.6    113    2.5    12.8    180    2.5    13.5
 47    2.5     4.7    114    2.3     8.5    181    2.4     8.2
 48    2.4    15.4    115    2.2     3.6    182    2.3     1.2
 49    2.7     7.2    116    2.1     2.2    183    2.1   353.5
 50    2.9     3.3    117    2.0     8.6    184    1.8   342.9
 51    3.2     4.5    118    1.9     2.2    185    1.7   330.2
 52    3.5     8.8    119    1.8   355.0    186    1.7   317.0
 53    3.6    15.1    120    1.7   344.7    187    1.8   309.6
 54    3.4    24.4    121    1.8   330.9    188    1.9   301.5
 55    3.4    35.5    122    2.2   317.8    189    1.9   289.4
 56    3.6    43.5    123    3.0   305.9    190    2.0   278.3
 57    3.7    45.5    124    3.6   301.2    191    1.8   276.7
 58    3.7    40.1    125    3.7   301.5    192    1.8   289.4
 59    3.3    29.5    126    3.8   302.0    193    2.1   304.3
 60    2.5     8.5    127    4.0   306.5    194    2.3   299.3
 61    2.2   347.0    128    4.3   310.5    195    2.4   294.9
 62    2.5     4.4    129    4.4   312.2    196    2.5   292.2
 63    2.5   352.3    130    4.2   314.9    197    2.6   290.8
 64    2.7   330.4    131    3.9   317.5    198    2.9   289.0
 65    2.7   325.4    132    3.7   319.0
 66    2.6   325.6    133    3.6   319.5
```

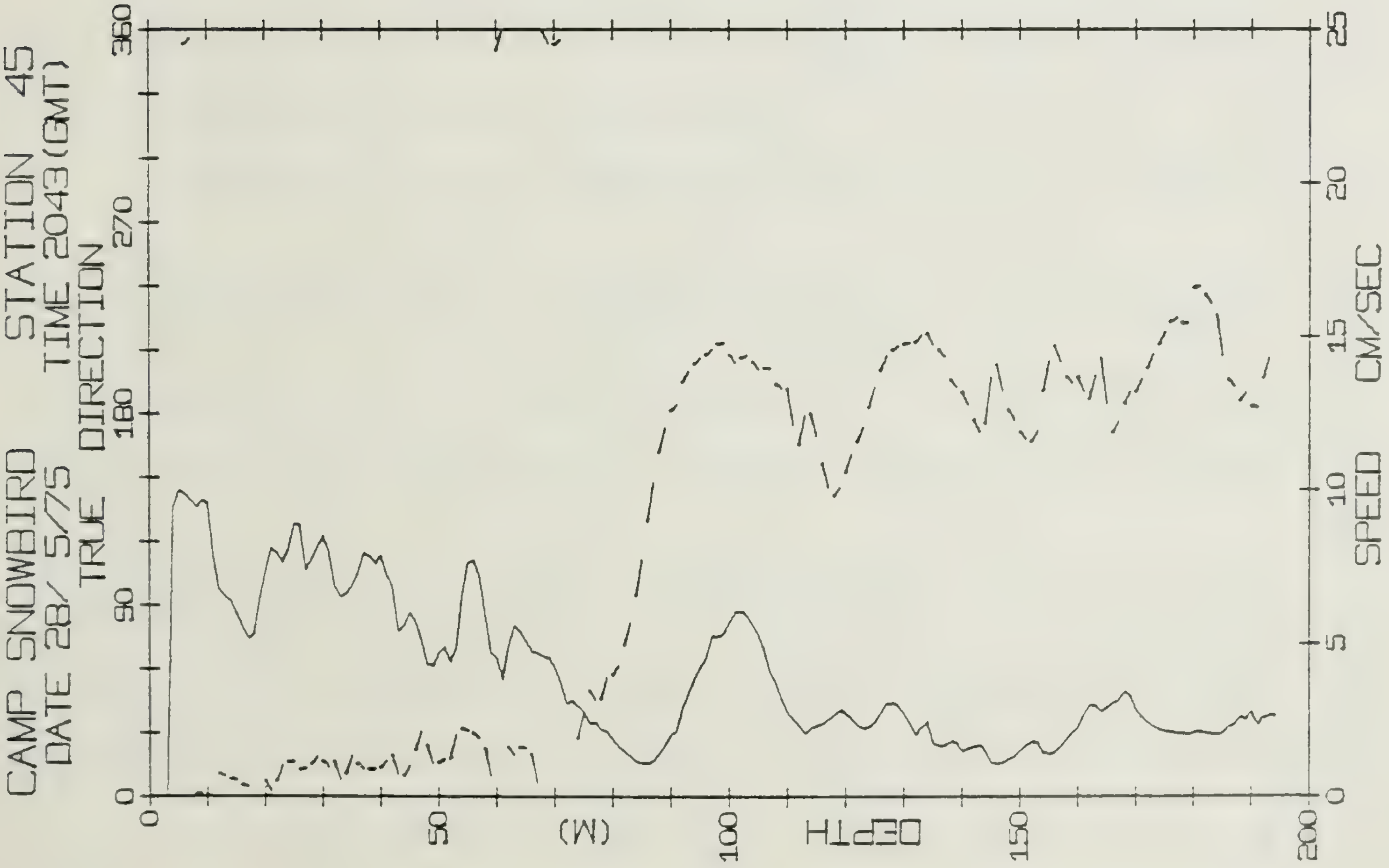

CAMP SNOWBIRD STATION 43
DATE 27/ 5/75 TIME 2045(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
(M)
100
DEPTH
150
200


CAMP SNOWBIRD STATION 44
DATE 28/ 5/75 TIME 554(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
(M)
100
DEPTH
150
200

```
SNOWBIRD STATION  43     (196M.)     27/MAY/75      2045 GMT
LAT= 76.1843N  LONG= 148.6860W  LTER=     0.   LCER=     1.
NIVEL=    5.2   EIVEL= -13.1    NVER=     0    EVER=     0.

 DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
   0   0.0  999.9       67   8.6    3.1      134   2.1  159.9
   1   0.0  999.9       68   8.5    8.0      135   2.3  155.2
   2   0.0  999.9       69   8.5    7.4      136   2.4  151.5
   3   0.0  999.9       70   9.2   11.7      137   2.3  154.9
   4  13.2  296.4       71   9.1   14.7      138   2.1  149.1
   5  12.6  295.6       72   8.8   18.9      139   2.0  137.7
   6  12.7  295.5       73   8.6   22.3      140   2.0  127.0
   7  12.0  309.5       74   8.4   25.3      141   2.0  115.2
   8  11.7  326.6       75   8.0   25.9      142   1.9  103.4
   9   8.5  345.7       76   7.6   24.9      143   1.7  107.3
  10   8.1  347.9       77   7.4   24.4      144   1.7  121.4
  11   8.8  343.7       78   7.4   25.1      145   1.8  139.8
  12   8.7  345.1       79   7.4   27.6      146   1.9  141.9
  13   7.7  352.8       80   6.7   32.3      147   2.0  142.3
  14   6.5    1.3       81   6.3   34.8      148   1.8  148.5
  15   6.0  357.8       82   5.7   35.3      149   1.6  156.7
  16   5.9  347.9       83   5.1   36.3      150   1.5  172.9
  17   5.4  344.2       84   4.5   35.7      151   1.5  191.5
  18   4.8  348.7       85   3.7   30.9      152   1.6  186.8
  19   5.5  350.5       86   3.4   36.6      153   1.7  182.5
  20   5.7  348.3       87   2.9   39.7      154   1.8  181.3
  21   5.6  342.2       88   2.4   44.6      155   1.9  181.5
  22   6.1  340.3       89   1.9   52.4      156   2.0  178.0
  23   5.6  347.3       90   1.4   65.6      157   2.1  176.0
  24   5.3  352.1       91   1.1   89.0      158   2.2  176.4
  25   5.9    2.2       92   1.1  137.9      159   2.6  167.2
  26   6.2    5.2       93   1.3  152.5      160   3.0  160.5
  27   6.4    4.3       94   1.3  152.5      161   3.0  161.7
  28   6.9    6.4       95   1.2  140.0      162   3.0  163.2
  29   7.1    5.6       96   1.1  116.7      163   3.1  162.9
  30   6.6  357.5       97   1.2   90.4      164   3.1  164.1
  31   6.2  357.4       98   1.7   71.4      165   3.3  171.9
  32   6.2    7.9       99   2.2   58.4      166   3.4  179.2
  33   5.9   15.1      100   2.5   48.2      167   3.4  183.9
  34   5.3   19.9      101   3.2   46.9      168   3.6  185.3
  35   4.6   22.6      102   3.5   40.9      169   4.3  179.1
  36   4.8   25.3      103   3.7   39.8      170   4.8  185.3
  37   5.4   27.7      104   3.7   37.5      171   4.4  190.5
  38   6.9   28.0      105   2.9   43.1      172   4.3  191.4
  39   7.7   25.6      106   2.9   52.2      173   4.2  188.1
  40   6.9   21.6      107   2.6   58.4      174   5.1  189.7
  41   3.8    2.5      108   2.6   67.5      175   5.5  188.7
  42   3.8  353.7      109   2.5   76.3      176   5.7  190.7
  43   3.7  343.0      110   2.5   86.9      177   5.9  191.4
  44   4.1  343.7      111   2.3  111.0      178   6.1  191.3
  45   4.0  331.2      112   2.3  111.9      179   5.8  191.3
  46   4.1  323.6      113   2.2  118.5      180   5.3  191.1
  47   4.4  312.0      114   2.0  128.2      181   5.0  193.4
  48   4.5  310.9      115   1.7  132.4      182   4.8  196.7
  49   4.4  314.8      116   1.5  136.6      183   4.8  193.1
  50   4.3  323.1      117   1.2  136.4      184   4.2  197.4
  51   4.3  330.7      118   0.9  125.3      185   3.6  199.1
  52   4.3  337.1      119   0.9  105.7      186   3.0  201.3
  53   4.2  347.7      120   1.3   95.1      187   2.2  209.4
  54   4.5  355.2      121   1.5   96.8      188   2.1  218.6
  55   5.0  355.4      122   1.6  103.3      189   2.0  238.0
  56   5.3    5.1      123   1.8  108.8      190   1.8  233.7
  57   5.8   23.0      124   1.8  109.7      191   1.7  231.9
  58   4.8   13.9      125   1.6  104.3      192   1.5  231.1
  59   4.5    5.9      126   1.8  102.5      193   1.2  222.1
  60   5.3   11.1      127   2.0  100.4      194   1.2  228.6
  61   5.5    9.0      128   2.1   95.5      195   1.1  216.7
  62   6.3   12.1      129   2.1  105.6      196   1.1  201.4
  63   7.3   17.6      130   2.2  115.0
  64   8.6   14.1      131   2.2  124.3
  65   9.3    8.3      132   2.1  135.5
  66   9.0    3.7      133   2.1  148.6
```

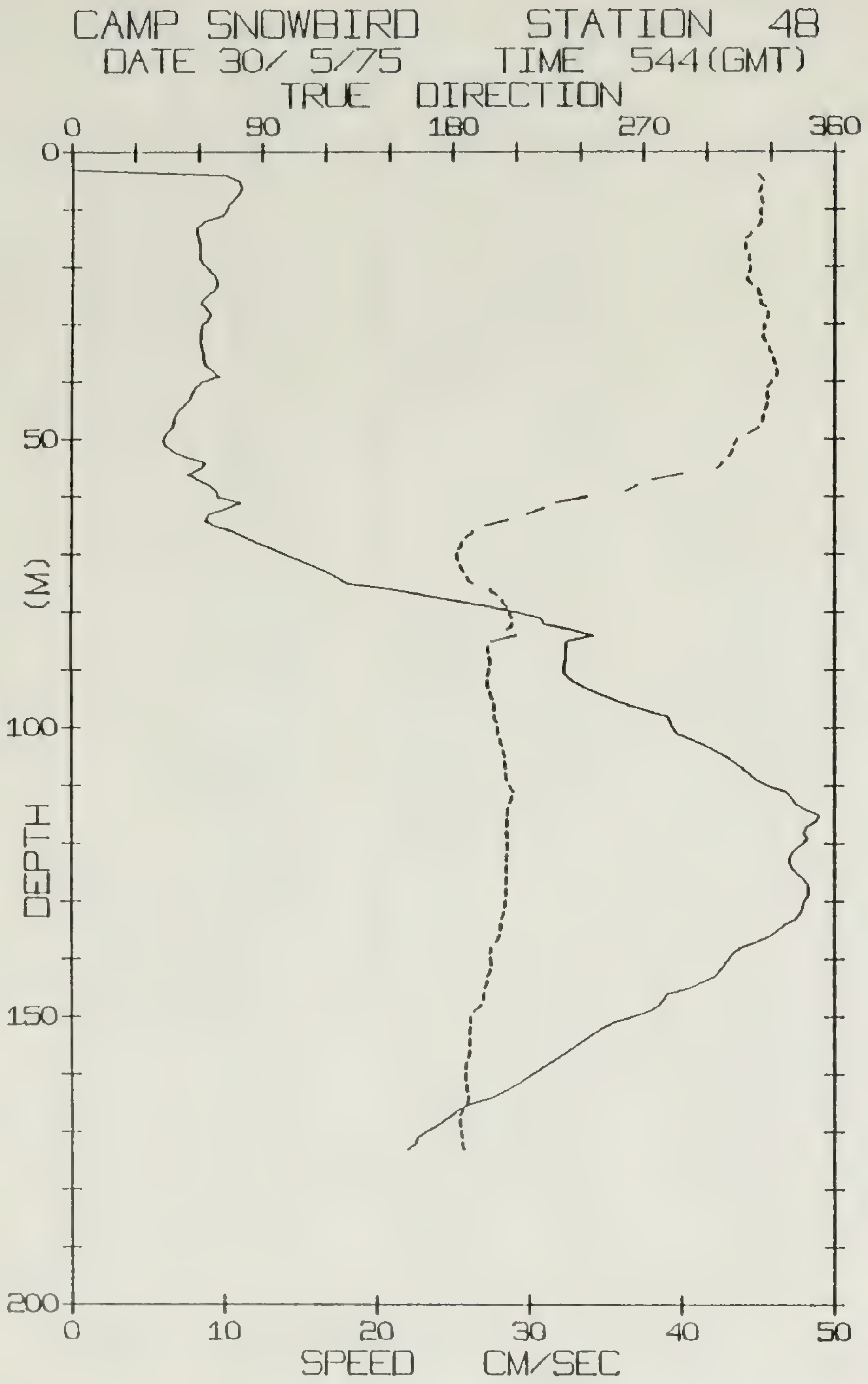
```
SNOWBIRD STATION  44     (194M.)     28/MAY/75       554 GMT
LAT= 76.2031N  LONG= 148.8564W  LTER=     1.   LCER=     2.
NIVEL=    6.3   EIVEL= -13.3    NVER=     0    EVER=     0

 DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
   0   0.0  999.9       67   6.2   30.9      134   2.3  345.0
   1   0.0  999.9       68   6.0   27.2      135   2.2  339.5
   2   0.0  999.9       69   5.6   22.6      136   2.2  336.5
   3   0.0  999.9       70   5.2   20.9      137   2.3  335.7
   4   9.2    8.7       71   4.6    4.7      138   2.5  333.3
   5  11.0    7.8       72   4.4  351.2      139   2.6  332.7
   6  11.3  359.9       73   4.4  347.3      140   2.5  334.8
   7  10.9  359.4       74   4.2  353.0      141   2.4  343.0
   8   9.7    1.2       75   3.9    0.4      142   2.3  343.7
   9   8.6    2.6       76   4.0   12.5      143   2.5  341.9
  10   9.3    0.4       77   4.2   19.5      144   2.7  343.4
  11   8.3    4.7       78   4.3   24.7      145   2.8  349.8
  12   6.6    9.8       79   4.3   25.8      146   2.9    1.3
  13   6.1   10.4       80   4.3   28.9      147   3.3   10.8
  14   6.3   11.5       81   4.2   31.3      148   3.5   15.9
  15   6.9   10.8       82   4.1   30.8      149   3.5   18.4
  16   7.7    9.6       83   4.0   28.6      150   3.5   20.4
  17   8.4    8.9       84   4.1   30.5      151   3.4   20.1
  18   8.8    9.3       85   4.1   33.3      152   3.1   19.4
  19   9.0    9.0       86   3.7   25.7      153   2.7   16.1
  20   9.4    5.7       87   3.5   27.9      154   2.3    8.8
  21  10.1    3.6       88   3.6   36.5      155   1.9  359.1
  22  10.5    1.7       89   3.6   43.9      156   1.7  346.2
  23  10.6    1.7       90   3.2   54.2      157   1.7  339.7
  24  10.2    4.3       91   3.0   68.0      158   1.6  332.8
  25   9.8    8.4       92   2.9   82.4      159   1.5  327.9
  26   9.3   11.7       93   2.8   98.1      160   1.1  321.1
  27   9.3   15.3       94   3.0  105.6      161   0.6  347.6
  28   9.4   20.3       95   2.7  107.1      162   0.5   16.7
  29   9.8   23.1       96   2.3  103.0      163   0.6  321.6
  30   9.7   20.5       97   2.2   97.3      164   0.6  301.8
  31   9.8   22.1       98   1.7   88.5      165   1.0   98.0
  32   8.9   23.1       99   1.8   83.4      166   0.9  104.3
  33   7.8   24.6      100   2.1   83.8      167   0.7  109.2
  34   7.5   31.6      101   2.5   84.0      168   0.6  107.4
  35   7.6   23.9      102   2.8   82.7      169   0.6  101.3
  36   8.2   16.5      103   3.2   80.3      170   0.4   87.9
  37   8.2   18.9      104   3.6   78.6      171   0.3   34.2
  38   8.1   24.6      105   3.9   77.3      172   0.5  355.6
  39   8.3   23.8      106   4.1   75.7      173   0.7   18.8
  40   7.5   19.4      107   4.4   72.6      174   1.2    2.3
  41   7.0   13.0      108   4.8   70.4      175   1.6  349.9
  42   6.6   16.6      109   5.2   70.1      176   2.3    9.9
  43   6.5   17.9      110   5.3   68.8      177   3.1   21.3
  44   6.1   12.3      111   5.1   66.5      178   3.8   28.8
  45   5.8    6.8      112   4.5   65.4      179   3.9   37.4
  46   5.5    0.4      113   3.8   61.1      180   4.3   34.2
  47   5.0  359.9      114   3.1   53.8      181   4.9   32.2
  48   5.0    3.3      115   2.6   47.3      182   5.1   36.7
  49   5.7    4.5      116   2.3   40.1      183   4.7   40.4
  50   6.2    7.5      117   2.0   30.0      184   4.5   40.9
  51   5.7    9.6      118   1.8   13.5      185   4.2   40.0
  52   5.4    9.5      119   2.2    1.4      186   4.2   48.1
  53   5.5   14.3      120   2.5  354.8      187   4.0   55.6
  54   5.9   22.3      121   2.7  347.6      188   3.4   65.4
  55   5.9   23.9      122   2.7  346.6      189   2.7   79.1
  56   5.8   14.2      123   2.8  350.5      190   2.0   94.5
  57   6.4    4.4      124   3.0    1.2      191   1.7  109.6
  58   6.8   11.6      125   3.2   14.4      192   1.3  108.8
  59   6.3   22.3      126   3.7   27.5      193   1.2   94.5
  60   5.7   13.0      127   4.4   39.1      194   0.9   62.7
  61   5.0    1.2      128   4.7   41.8
  62   5.0  354.6      129   4.1   35.7
  63   5.7    0.2      130   3.8   38.5
  64   6.7   13.0      131   3.3   41.4
  65   6.5   23.6      132   2.5   30.6
  66   5.3   28.8      133   2.2    5.9
```

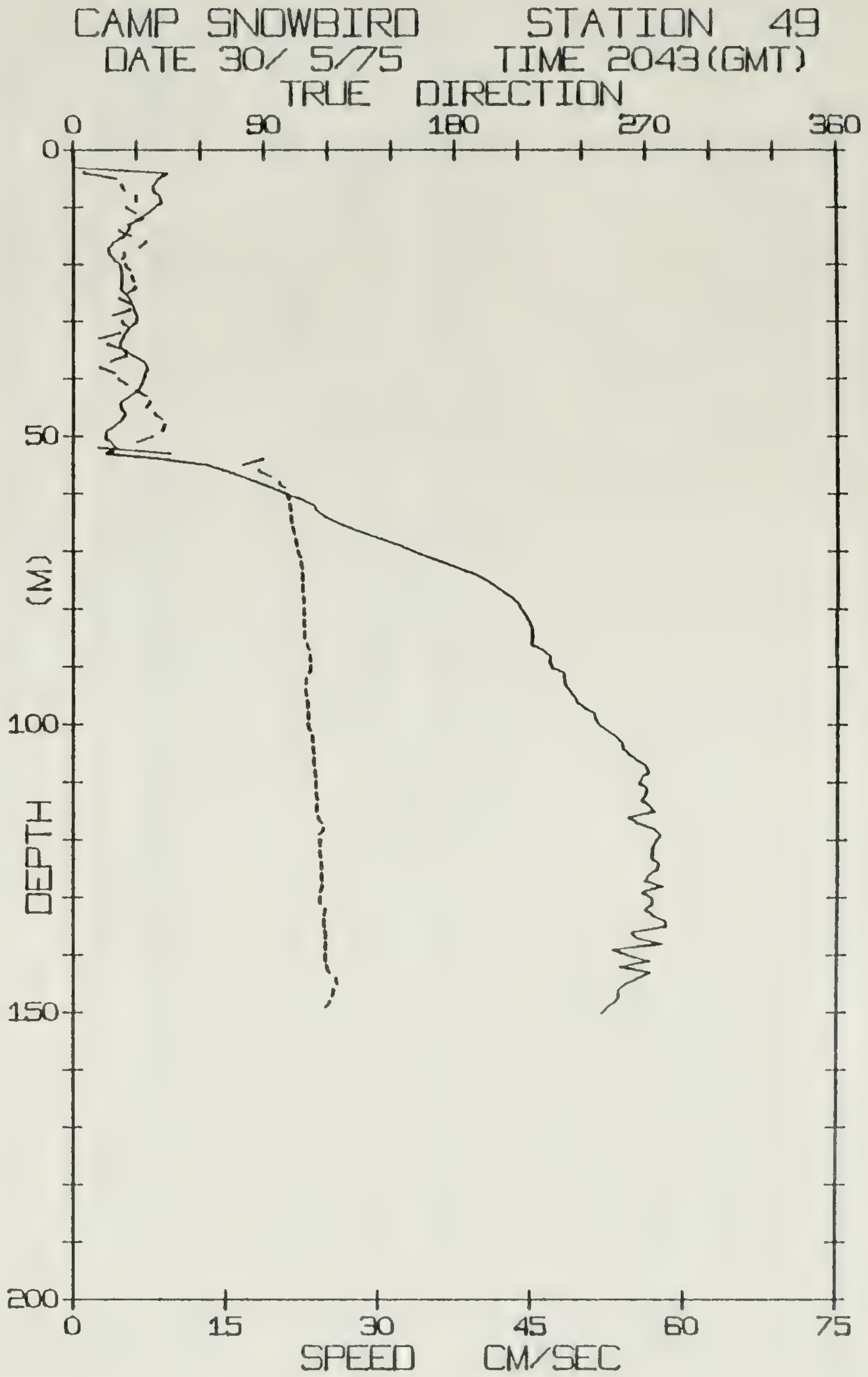

CAMP SNOWBIRD STATION 47
DATE 29/ 5/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 45
DATE 28/ 5/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  45     (194M.)       28/MAY/75     2043 GMT
LAT= 76.2343N  LONG= 149.0884W  LTER=    41.  LGER=    84.
NIVEL=   7.8   EIVEL= -11.5      NVER=     1   EVER=     1.

DPT     SPD    DRN        DPT    SPD    DRN        DPT     SPD     DRN
  0     0.0   999.9        67    4.7     7.0       134     2.4   217.8
  1     0.0   999.9        68    4.6   359.1       135     1.8   212.7
  2     0.0   999.9        69    4.5   353.9       136     1.7   210.4
  3     0.0   999.9        70    4.2   353.2       137     1.7   206.9
  4     9.4     5.1        71    3.7   355.2       138     1.8   196.0
  5    10.0   356.9        72    3.1   359.4       139     1.8   192.9
  6     9.9   353.5        73    3.1    14.8       140     1.5   190.3
  7     9.7   355.8        74    3.0    27.8       141     1.6   184.4
  8     9.5     1.5        75    2.8    39.7       142     1.7   177.0
  9     9.7     1.6        76    2.4    49.9       143     1.7   171.9
 10     9.6   357.9        77    2.4    46.1       144     1.5   175.5
 11     7.8     2.2        78    2.2    46.7       145     1.1   196.9
 12     6.7    10.8        79    2.1    56.1       146     1.1   202.8
 13     6.6     9.5        80    1.9    57.8       147     1.1   191.0
 14     6.4     8.2        81    1.6    61.8       148     1.3   182.1
 15     6.0     7.7        82    1.5    71.8       149     1.3   177.3
 16     5.6     5.7        83    1.3    81.7       150     1.5   171.4
 17     5.2     4.5        84    1.2    94.8       151     1.7   168.4
 18     5.3     1.6        85    1.1   111.4       152     1.8   167.1
 19     6.4   357.2        86    1.1   130.0       153     1.8   171.4
 20     7.3     7.2        87    1.2   147.6       154     1.4   190.5
 21     8.1     3.2        88    1.4   162.2       155     1.4   204.2
 22     8.0     7.5        89    1.7   173.5       156     1.5   212.0
 23     7.7    14.7        90    2.0   182.1       157     1.7   204.7
 24     8.1    16.7        91    2.2   184.6       158     1.9   197.4
 25     8.9    16.5        92    2.9   195.4       159     2.1   194.7
 26     8.9    13.0        93    3.4   199.7       160     2.3   197.1
 27     7.4    13.4        94    3.9   203.6       161     2.7   190.5
 28     7.7    15.4        95    4.2   206.0       162     3.0   187.3
 29     8.1    18.8        96    4.5   208.0       163     2.9   197.4
 30     8.5    16.8        97    5.3   210.4       164     2.8   205.7
 31     8.0    14.2        98    5.3   213.1       165     2.9   185.1
 32     6.9    16.4        99    5.4   213.7       166     3.1   171.6
 33     6.5     8.4       100    5.7   208.2       167     3.2   176.0
 34     6.6    11.1       101    6.0   204.4       168     3.4   185.0
 35     6.9    17.0       102    6.1   206.3       169     3.3   190.4
 36     7.3    15.5       103    5.9   207.7       170     2.8   190.2
 37     7.9    13.1       104    5.6   204.6       171     2.6   195.9
 38     7.9    12.8       105    5.3   201.1       172     2.4   201.3
 39     7.6    13.3       106    4.8   201.7       173     2.3   208.1
 40     7.9    14.2       107    4.1   201.5       174     2.2   212.9
 41     7.3    16.9       108    3.7   194.3       175     2.1   218.1
 42     6.9    19.6       109    3.2   192.1       176     2.1   223.2
 43     5.4    10.8       110    2.7   191.4       177     2.1   225.0
 44     5.6     9.9       111    2.5   175.1       178     2.0   222.5
 45     6.0    14.6       112    2.3   165.9       179     2.0   222.9
 46     5.7    22.4       113    2.1   179.0       180     2.1   239.2
 47     5.1    30.5       114    2.3   180.5       181     2.1   240.2
 48     4.3    24.2       115    2.3   170.0       182     2.1   235.7
 49     4.3    15.8       116    2.4   156.8       183     2.0   232.0
 50     4.7    16.5       117    2.5   145.8       184     2.0   226.4
 51     4.9    18.0       118    2.7   141.7       185     2.1   207.2
 52     4.4    18.7       119    2.8   145.3       186     2.3   195.9
 53     4.9    29.1       120    2.7   153.1       187     2.4   193.0
 54     6.6    32.1       121    2.5   161.0       188     2.6   186.4
 55     7.7    31.4       122    2.4   166.9       189     2.5   189.6
 56     7.7    29.8       123    2.2   173.7       190     2.8   183.5
 57     7.2    27.8       124    2.3   183.4       191     2.4   183.0
 58     6.0    23.0       125    2.5   192.5       192     2.6   196.6
 59     4.7     9.8       126    2.7   200.6       193     2.7   205.7
 60     4.5   350.5       127    3.1   206.9       194     2.6   217.5
 61     3.8   359.4       128    3.1   210.1
 62     4.9    23.7       129    3.0   212.0
 63     5.6    19.9       130    2.7   213.1
 64     5.4    23.4       131    2.4   213.8
 65     5.1    23.2       132    2.0   214.0
 66     4.8    20.4       133    2.3   216.9
```

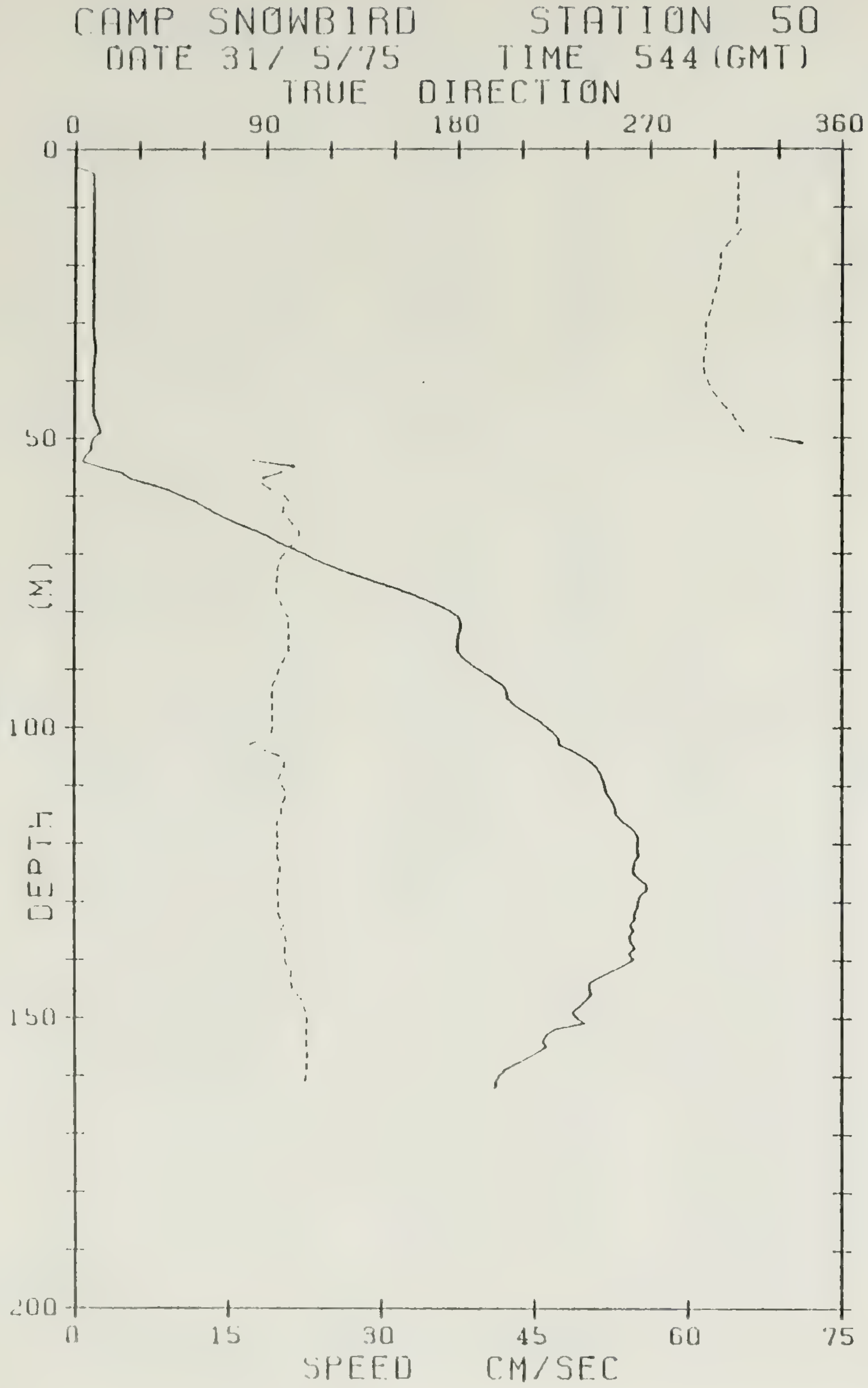
```
SNOWBIRD STATION  47     (197M.)       29/MAY/75     2043 GMT
LAT= 76.2889N  LONG= 149.3919W  LTER=     1.  LGER=     2.
NIVEL=   9.3   EIVEL= -11.5      NVER=     0.  EVER=     0

DPT     SPD    DRN        DPT    SPD    DRN        DPT     SPD     DRN
  0     0.0   999.9        67    6.6    52.5       134     7.5   181.7
  1     0.0   999.9        68    6.2    53.5       135     7.4   182.8
  2     0.0   999.9        69    5.8    53.1       136     7.9   181.5
  3     0.0   999.9        70    5.3    52.3       137     7.8   182.8
  4    14.5   312.0        71    5.2    54.7       138     7.7   187.6
  5    14.1   321.5        72    5.9    59.2       139     8.1   191.2
  6    11.4   340.2        73    6.7    62.8       140     8.2   188.6
  7    11.3   345.3        74    6.8    68.5       141     8.1   187.4
  8    11.2   347.8        75    6.5    74.6       142     8.1   188.2
  9    11.1   348.9        76    5.7    80.9       143     8.3   187.1
 10    10.8   349.7        77    4.5    97.6       144     8.3   186.5
 11    10.4   349.6        78    4.2   115.5       145     8.6   183.8
 12     9.6   349.7        79    4.4   133.5       146     8.4   182.1
 13     8.7   351.4        80    4.5   146.4       147     8.2   181.3
 14     7.8   354.5        81    4.7   154.6       148     8.0   180.3
 15     7.8   349.3        82    4.9   157.3       149     8.1   179.3
 16     8.2   345.0        83    5.3   161.3       150     8.1   176.7
 17     8.4   345.4        84    5.8   166.9       151     7.9   172.1
 18     7.9   348.8        85    6.5   172.7       152     7.5   167.2
 19     7.5   354.6        86    6.8   180.5       153     7.2   165.4
 20     7.4   357.9        87    6.9   188.9       154     6.8   167.1
 21     7.5   355.8        88    7.2   190.9       155     6.5   168.5
 22     7.9   352.3        89    8.1   193.4       156     6.4   169.4
 23     8.4   348.4        90    8.2   191.0       157     6.3   169.8
 24     8.7   347.1        91    8.1   192.5       158     6.5   168.9
 25     8.3   350.2        92    8.3   191.5       159     6.4   170.7
 26     7.8   355.1        93    8.6   191.0       160     6.1   173.8
 27     7.7   357.0        94    8.7   192.6       161     6.4   173.5
 28     8.2   354.0        95    8.8   192.4       162     7.1   171.5
 29     8.5   353.5        96    9.0   191.8       163     7.3   171.3
 30     7.4   354.6        97    8.9   192.8       164     7.4   167.9
 31     7.0   347.5        98    8.9   194.6       165     7.3   166.2
 32     7.6   350.2        99    8.8   196.6       166     7.3   167.1
 33     7.4   350.5       100    8.8   198.8       167     7.1   168.5
 34     7.8   349.5       101    8.6   200.4       168     6.7   171.0
 35     8.2   347.7       102    9.0   203.3       169     6.3   173.4
 36     7.4   351.2       103    9.3   204.3       170     6.2   174.9
 37     7.0   355.1       104    8.6   198.1       171     6.0   176.6
 38     6.9   358.2       105    9.1   195.3       172     5.9   177.7
 39     7.4   356.2       106    9.4   197.0       173     5.9   178.0
 40     8.0   355.0       107    9.5   198.5       174     5.7   179.3
 41     8.0   352.2       108    9.6   199.2       175     5.7   178.3
 42     7.7   353.1       109    9.8   196.0       176     5.7   175.5
 43     7.8   354.2       110    9.7   197.0       177     5.7   172.9
 44     8.3   350.6       111    9.7   197.5       178     5.6   171.1
 45     8.8   347.1       112    9.7   197.3       179     5.6   169.6
 46     8.8   345.7       113    9.6   197.5       180     5.5   168.2
 47     8.4   348.5       114    9.4   197.8       181     5.5   167.6
 48     7.6   352.7       115    9.4   197.7       182     5.5   166.3
 49     6.5   349.6       116    9.3   198.1       183     5.8   167.9
 50     5.8   340.8       117    9.1   199.0       184     5.9   168.0
 51     5.3   339.7       118    9.1   199.0       185     5.8   169.5
 52     4.5   342.6       119    9.2   196.3       186     5.4   172.4
 53     3.7   345.1       120    9.1   193.9       187     5.3   173.3
 54     3.5   353.9       121    8.5   192.1       188     5.3   173.7
 55     3.8     2.8       122    8.4   190.1       189     5.3   174.2
 56     5.1     9.9       123    8.5   186.7       190     5.1   175.4
 57     5.3     6.9       124    8.2   186.0       191     5.0   176.7
 58     4.0    25.5       125    8.1   186.8       192     4.5   183.0
 59     3.6    53.5       126    8.1   185.0       193     4.0   184.4
 60     4.9    50.9       127    8.4   179.7       194     4.0   177.0
 61     6.3    57.9       128    8.5   177.1       195     3.5   170.2
 62     7.2    59.2       129    8.4   177.4       196     3.5   167.2
 63     7.6    55.4       130    8.3   177.9       197     3.5   166.3
 64     7.2    54.4       131    8.4   177.7
 65     6.9    53.5       132    8.2   178.3
 66     6.9    52.1       133    7.9   179.6
```

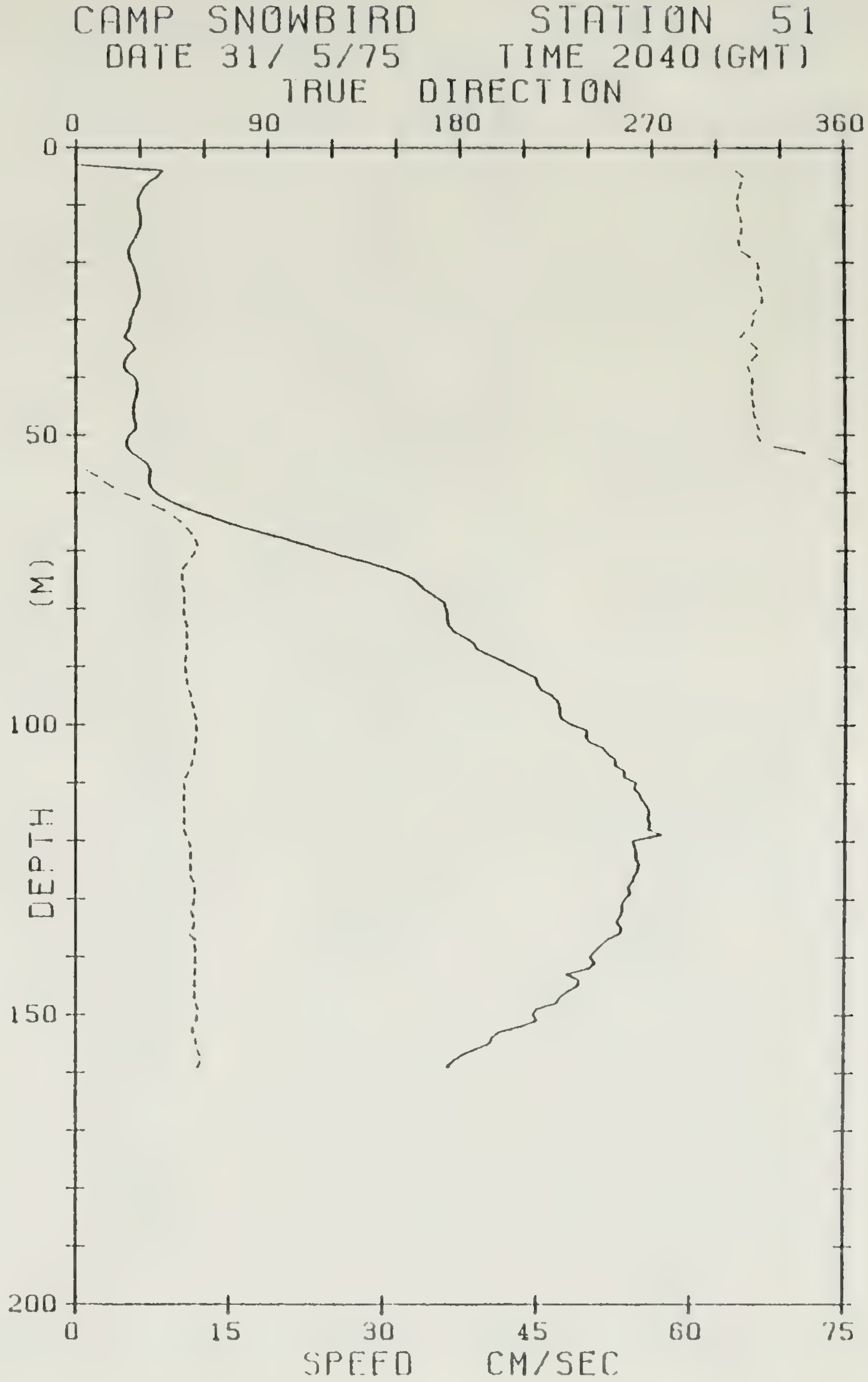

CAMP SNOWBIRD STATION 48
DATE 30/ 5/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
10
20
30
40
50
SPEED CM/SEC


CAMP SNOWBIRD STATION 49
DATE 30/ 5/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
15
30
45
60
75
SPEED CM/SEC

```
SNOWBIRD STATION  48     (173M.)     30/MAY/75        544 GMT
LAT= 76.3118N  LONG= 149.5219W  LTER=     1   LCER=     2
NIVEL=    6.7   EIVEL= -10.7      NVER=     0   EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   11.5   186.6      134   46.7   202.6
  1    0.0   999.9       68   12.2   184.6      135   46.3   202.2
  2    0.0   999.9       69   13.3   182.9      136   45.7   201.9
  3    0.0   999.9       70   14.1   182.1      137   44.8   200.2
  4   10.1   324.5       71   15.0   182.7      138   43.8   198.2
  5   11.0   326.8       72   15.9   183.8      139   43.3   197.7
  6   11.2   325.3       73   16.8   185.3      140   43.0   198.2
  7   11.0   324.1       74   17.5   187.3      141   42.8   198.7
  8   10.7   325.6       75   18.1   189.6      142   42.5   197.7
  9   10.3   326.4       76   21.1   197.7      143   42.1   196.3
 10   10.1   325.0       77   23.1   200.9      144   41.3   196.1
 11    9.9   325.6       78   25.2   203.6      145   40.5   195.1
 12    8.7   325.1       79   27.5   205.7      146   39.0   194.6
 13    8.2   323.7       80   29.3   207.0      147   38.8   194.4
 14    8.2   320.6       81   30.8   208.1      148   38.5   192.9
 15    8.4   318.1       82   31.1   208.1      149   37.9   190.3
 16    8.4   317.5       83   32.8   205.9      150   36.7   188.5
 17    8.4   317.8       84   34.2   209.7      151   35.5   188.5
 18    8.4   319.5       85   32.5   198.6      152   34.7   188.3
 19    8.5   319.9       86   32.4   196.9      153   34.1   188.1
 20    8.9   320.1       87   32.4   197.1      154   33.6   188.2
 21    9.2   319.6       88   32.4   197.9      155   33.1   188.3
 22    9.5   318.6       89   32.3   198.1      156   32.5   188.3
 23    9.6   320.6       90   32.3   197.0      157   31.9   187.4
 24    9.3   324.0       91   32.5   196.4      158   31.4   186.5
 25    8.8   325.2       92   33.0   196.6      159   30.8   186.0
 26    8.5   325.2       93   33.7   197.3      160   30.2   186.0
 27    8.8   327.3       94   34.6   198.0      161   29.6   186.3
 28    9.1   328.7       95   35.5   199.1      162   29.0   186.7
 29    9.0   328.2       96   36.5   199.8      163   28.3   187.1
 30    8.6   327.0       97   37.8   199.8      164   27.6   187.7
 31    8.5   326.5       98   39.1   199.8      165   26.3   186.7
 32    8.4   326.5       99   39.3   201.0      166   25.4   184.7
 33    8.5   327.6      100   39.5   201.5      167   25.0   183.3
 34    8.6   329.1      101   39.8   201.2      168   24.4   183.5
 35    8.7   330.4      102   40.7   202.5      169   23.9   183.8
 36    8.8   331.5      103   41.6   203.5      170   23.2   184.3
 37    8.8   332.6      104   42.3   204.3      171   22.7   184.6
 38    9.2   333.1      105   43.0   204.9      172   22.5   184.7
 39    9.7   332.5      106   43.5   205.0      173   22.1   185.4
 40    8.5   330.2      107   44.0   205.1
 41    8.1   328.5      108   44.5   205.4
 42    7.9   328.4      109   45.0   206.0
 43    7.8   328.7      110   45.7   207.2
 44    7.4   328.1      111   46.9   208.8
 45    7.0   327.0      112   47.2   207.9
 46    6.8   326.2      113   47.5   206.7
 47    6.7   326.0      114   48.0   205.8
 48    6.6   324.2      115   49.0   205.6
 49    6.2   319.4      116   48.9   205.5
 50    6.0   313.8      117   48.2   205.7
 51    6.2   312.3      118   48.0   205.8
 52    6.7   311.5      119   48.2   205.8
 53    7.5   310.2      120   47.9   205.7
 54    8.8   307.2      121   47.4   205.6
 55    8.5   304.6      122   47.1   205.4
 56    7.7   288.2      123   47.0   205.3
 57    8.4   274.6      124   47.2   205.3
 58    9.1   266.7      125   47.5   205.2
 59    9.5   261.8      126   48.0   205.1
 60    9.6   243.2      127   48.3   205.0
 61   11.1   229.1      128   48.3   204.9
 62   10.2   223.0      129   48.2   205.0
 63    9.0   215.1      130   48.0   204.7
 64    8.8   206.0      131   47.9   204.3
 65    9.4   195.7      132   47.7   203.8
 66   10.7   189.6      133   47.4   203.0
```

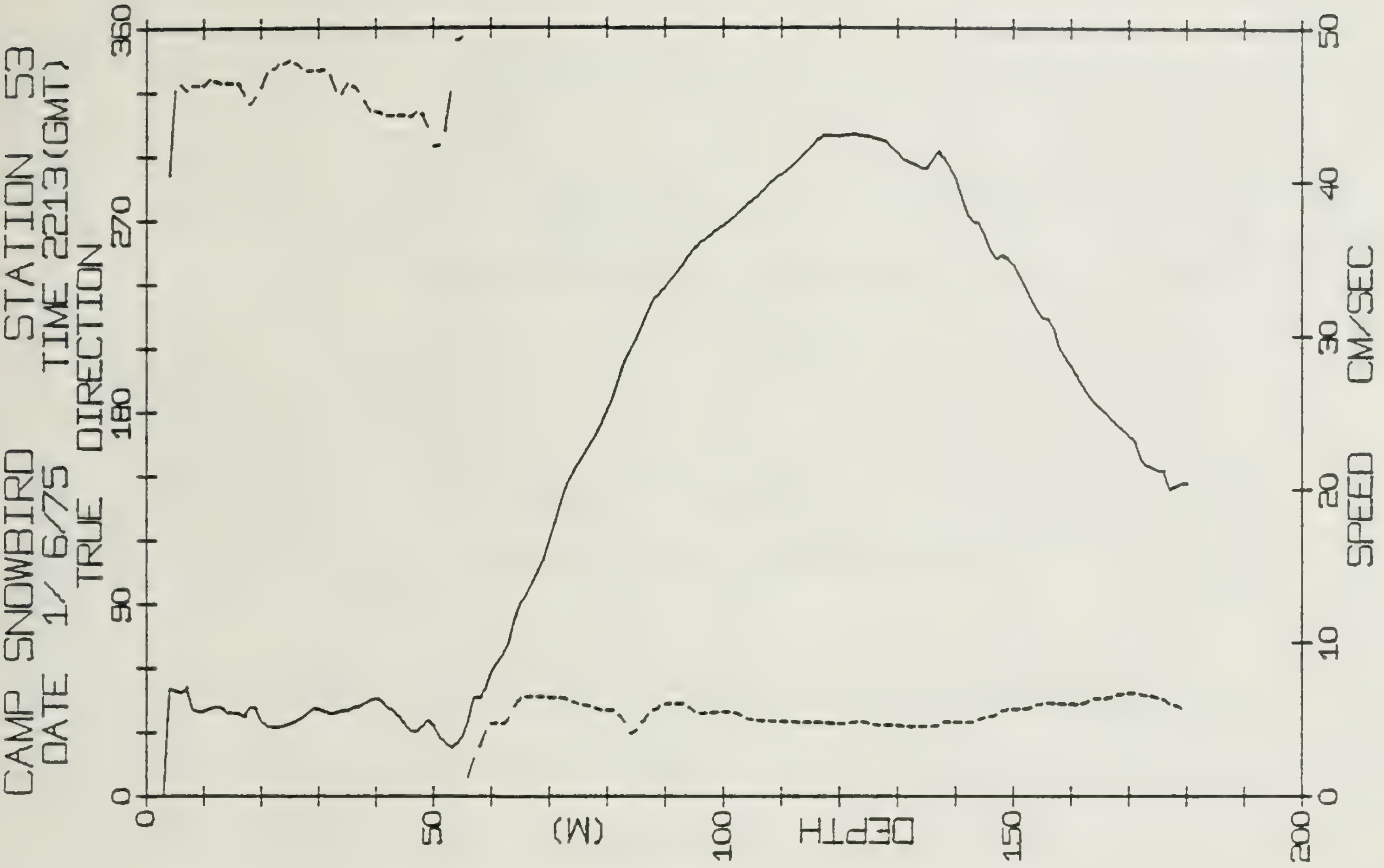
```
SNOWBIRD STATION  49     (150M.)     30/MAY/75       2043 GMT
LAT= 76.3491N  LONG= 149.6596W  LTER=     1   LCER=     1
NIVEL=    8.3   EIVEL=  -7.3      NVER=     0.  EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   29.0   104.9      134   58.2   118.5
  1    0.0   999.9       68   30.6   105.6      135   58.2   119.1
  2    0.0   999.9       69   32.3   106.2      136   54.9   119.4
  3    0.0   999.9       70   33.6   106.7      137   55.4   119.4
  4    9.3     5.2       71   35.0   107.7      138   57.9   119.5
  5    8.3    20.3       72   36.6   108.1      139   53.0   119.1
  6    7.9    22.9       73   38.1   108.7      140   54.5   119.1
  7    7.9    24.5       74   39.7   108.5      141   56.7   119.6
  8    8.5    29.8       75   40.7   108.5      142   53.7   120.1
  9    8.8    29.9       76   41.5   108.7      143   56.7   121.3
 10    8.0    25.4       77   42.3   109.0      144   55.5   124.2
 11    7.3    29.4       78   43.2   109.2      145   54.2   125.0
 12    6.3    32.5       79   43.8   109.4      146   53.6   123.3
 13    5.6    25.9       80   44.1   109.4      147   53.6   122.4
 14    5.4    21.9       81   44.5   109.4      148   53.3   121.3
 15    5.0    27.0       82   44.9   109.5      149   52.5   119.5
 16    4.0    34.3       83   45.1   109.5      150   52.0   118.1
 17    3.5    31.6       84   45.2   109.5
 18    3.6    24.5       85   45.1   109.5
 19    4.1    23.5       86   45.0   110.6
 20    4.7    25.0       87   46.2   111.9
 21    4.8    27.1       88   45.8   112.3
 22    4.9    28.1       89   46.8   112.6
 23    4.8    29.1       90   47.1   112.2
 24    4.7    29.4       91   48.2   111.5
 25    5.1    26.0       92   48.3   110.3
 26    5.6    22.3       93   48.4   109.9
 27    5.9    27.6       94   48.8   110.1
 28    6.1    26.8       95   49.2   110.5
 29    6.3    18.6       96   49.6   110.9
 30    6.2    23.4       97   50.3   111.2
 31    5.6    26.3       98   51.2   111.4
 32    5.1    22.3       99   51.4   111.3
 33    4.8    12.0      100   51.8   111.3
 34    4.6    16.5      101   52.5   112.2
 35    5.0    25.3      102   53.4   113.2
 36    6.0    24.9      103   53.9   113.7
 37    7.1    17.5      104   54.0   113.7
 38    7.4    12.9      105   54.6   113.8
 39    7.1    19.8      106   55.4   113.9
 40    6.9    21.6      107   56.2   114.2
 41    6.7    25.7      108   56.6   114.6
 42    6.4    29.6      109   56.0   115.0
 43    5.6    34.6      110   55.6   114.9
 44    4.7    36.5      111   56.4   114.7
 45    4.8    34.6      112   56.3   115.1
 46    5.2    38.6      113   55.8   115.5
 47    4.8    41.9      114   56.7   115.3
 48    4.2    43.3      115   57.2   115.1
 49    3.3    42.2      116   54.5   115.9
 50    3.1    37.5      117   55.5   117.8
 51    3.7    30.6      118   57.1   118.4
 52    4.4    12.2      119   57.7   116.2
 53    3.3    45.8      120   57.3   116.9
 54    9.0    89.3      121   57.0   116.7
 55   13.3    80.4      122   56.9   117.0
 56   15.0    87.7      123   56.9   117.3
 57   16.7    93.1      124   57.5   117.5
 58   18.2    97.5      125   57.4   117.6
 59   19.6    99.7      126   56.6   117.7
 60   21.0   101.2      127   56.1   117.9
 61   22.6   102.2      128   57.9   117.7
 62   23.7   102.9      129   55.9   116.6
 63   24.1   103.0      130   56.9   116.5
 64   24.9   103.3      131   56.9   117.3
 65   26.0   103.7      132   56.2   119.1
 66   27.4   104.3      133   57.0   118.4
```

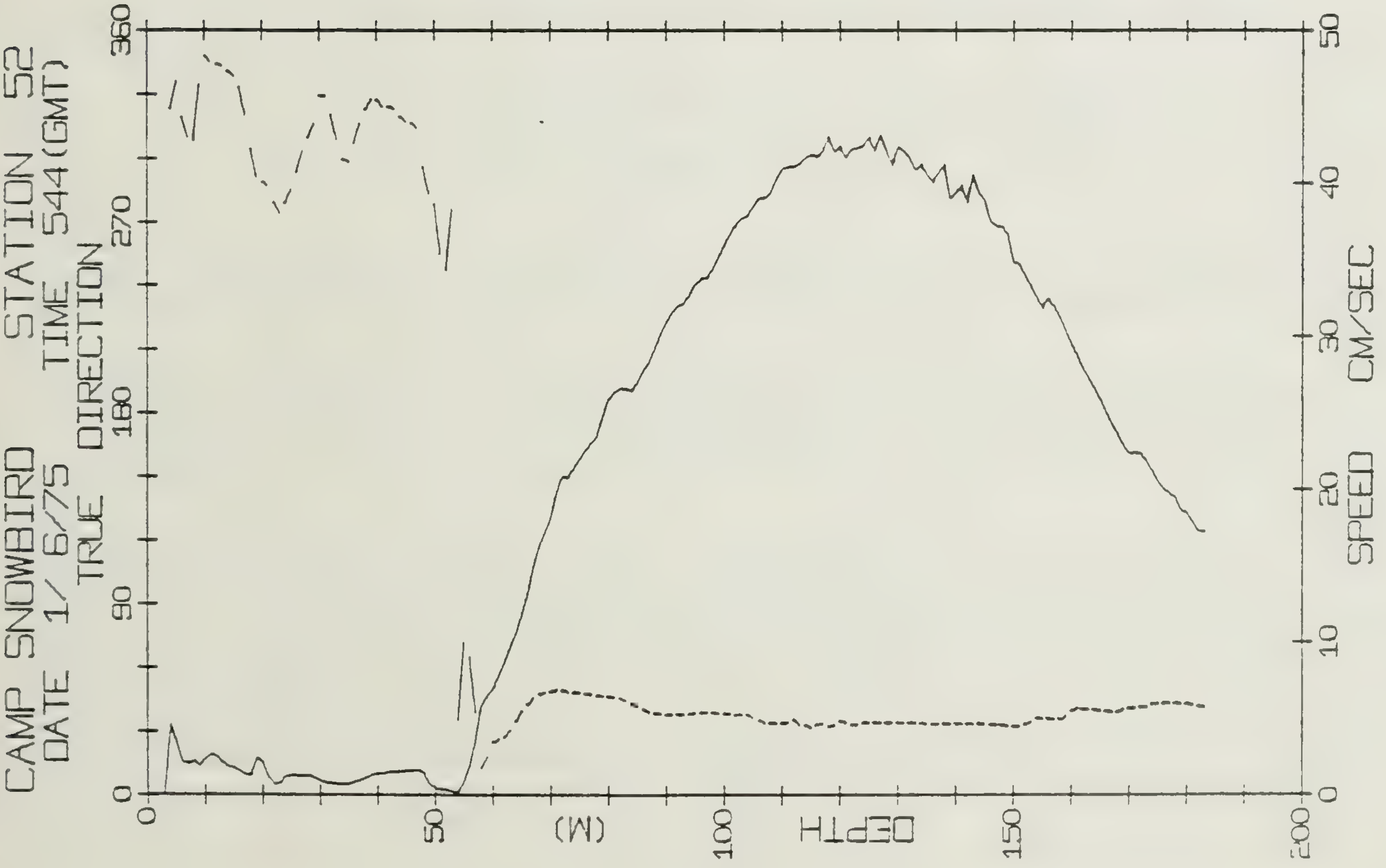

CAMP SNOWBIRD STATION 50
DATE 31/ 5/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
15
30
45
60
75
SPEED CM/SEC


CAMP SNOWBIRD STATION 51
DATE 31/ 5/75 TIME 2040(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
15
30
45
60
75
SPEED CM/SEC

```
SNOWBIRD STATION  50     (162M )      31/MAY/75       544 GMT
LAT= 76.3664N  LONG= 149.7219W  LTER=     0   LCER=     1
NIVEL=   3.6   EIVEL=  -5.3     NVER=     0   EVER=     0

DPT     SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0     0.0   999.9       67   19.0   105.4      134   54.3    98.2
  1     0.0   999.9       68   19.9   103.6      135   54.6    97.1
  2     0.0   999.9       69   21.2   100.8      136   54.2    98.9
  3     0.0   999.9       70   22.5    98.5      137   54.4    99.6
  4     1.8   311.0       71   23.5    96.6      138   54.8    98.9
  5     1.8   311.0       72   24.9    95.8      139   54.2    98.5
  6     1.8   311.0       73   26.4    95.4      140   54.7    98.7
  7     1.8   311.0       74   28.1    95.1      141   53.7    99.9
  8     1.8   311.0       75   29.7    95.0      142   52.5   101.6
  9     1.8   311.0       76   31.5    94.8      143   51.4   101.4
 10     1.8   311.0       77   33.0    95.0      144   50.3   101.6
 11     1.8   311.0       78   34.4    96.3      145   50.3   102.4
 12     1.8   310.6       79   35.7    97.6      146   50.5   104.9
 13     1.8   310.2       80   36.8    99.0      147   50.0   106.9
 14     1.8   312.3       81   37.6   100.4      148   49.4   107.7
 15     1.8   310.6       82   37.8   100.5      149   48.7   108.8
 16     1.8   307.3       83   37.8   100.7      150   49.1   109.2
 17     1.8   305.0       84   37.6   100.8      151   49.9   109.2
 18     1.8   303.2       85   37.5   100.8      152   46.9   109.1
 19     1.8   302.8       86   37.5   100.7      153   46.1   109.1
 20     1.8   303.1       87   37.6   100.5      154   45.8   109.1
 21     1.8   302.6       88   38.0    99.0      155   46.1   109.2
 22     1.8   302.2       89   38.7    97.7      156   45.3   109.3
 23     1.8   301.6       90   39.5    96.2      157   44.2   109.3
 24     1.8   301.0       91   40.4    95.4      158   43.1   109.1
 25     1.8   300.3       92   41.3    94.3      159   42.1   109.0
 26     1.8   299.6       93   42.1    92.8      160   41.5   108.7
 27     1.8   298.8       94   42.3    92.7      161   41.2   108.5
 28     1.8   298.0       95   42.4    92.8      162   41.2   108.5
 29     1.8   297.3       96   43.0    92.9
 30     1.7   296.2       97   43.8    93.0
 31     1.8   296.1       98   44.7    93.0
 32     1.7   295.9       99   45.6    93.0
 33     1.9   296.1      100   46.3    93.0
 34     2.0   296.3      101   46.9    92.6
 35     2.0   295.9      102   47.4    88.5
 36     1.9   295.3      103   47.4    82.4
 37     1.8   295.0      104   48.7    89.2
 38     1.8   295.0      105   49.6    96.2
 39     1.8   295.9      106   50.5    98.7
 40     1.8   296.9      107   51.1    98.3
 41     1.8   298.2      108   51.5    96.8
 42     1.8   299.6      109   51.7    95.9
 43     1.8   301.4      110   51.9    97.6
 44     1.8   303.6      111   52.0    99.0
 45     1.8   306.2      112   52.3    99.2
 46     1.9   308.6      113   52.7    97.9
 47     2.1   310.6      114   52.9    97.1
 48     2.4   312.2      115   53.0    96.9
 49     2.5   314.1      116   53.5    95.3
 50     1.7   326.5      117   54.2    95.0
 51     1.6   341.5      118   54.8    95.2
 52     1.6   348.6      119   55.1    95.7
 53     1.0     0.2      120   55.0    95.5
 54     0.7    83.6      121   55.0    95.2
 55     2.4   103.6      122   55.2    95.5
 56     4.7    97.3      123   54.8    96.1
 57     5.4    88.5      124   54.6    96.6
 58     7.4    88.1      125   54.6    96.6
 59     9.2    92.2      126   55.2    95.9
 60    10.5    98.6      127   55.9    95.5
 61    11.8   100.8      128   56.0    95.5
 62    12.8    98.1      129   55.3    95.8
 63    13.8    97.9      130   55.1    95.8
 64    15.0   100.5      131   55.0    95.9
 65    16.2   102.7      132   54.7    95.9
 66    17.7   105.4      133   54.8    96.7
```

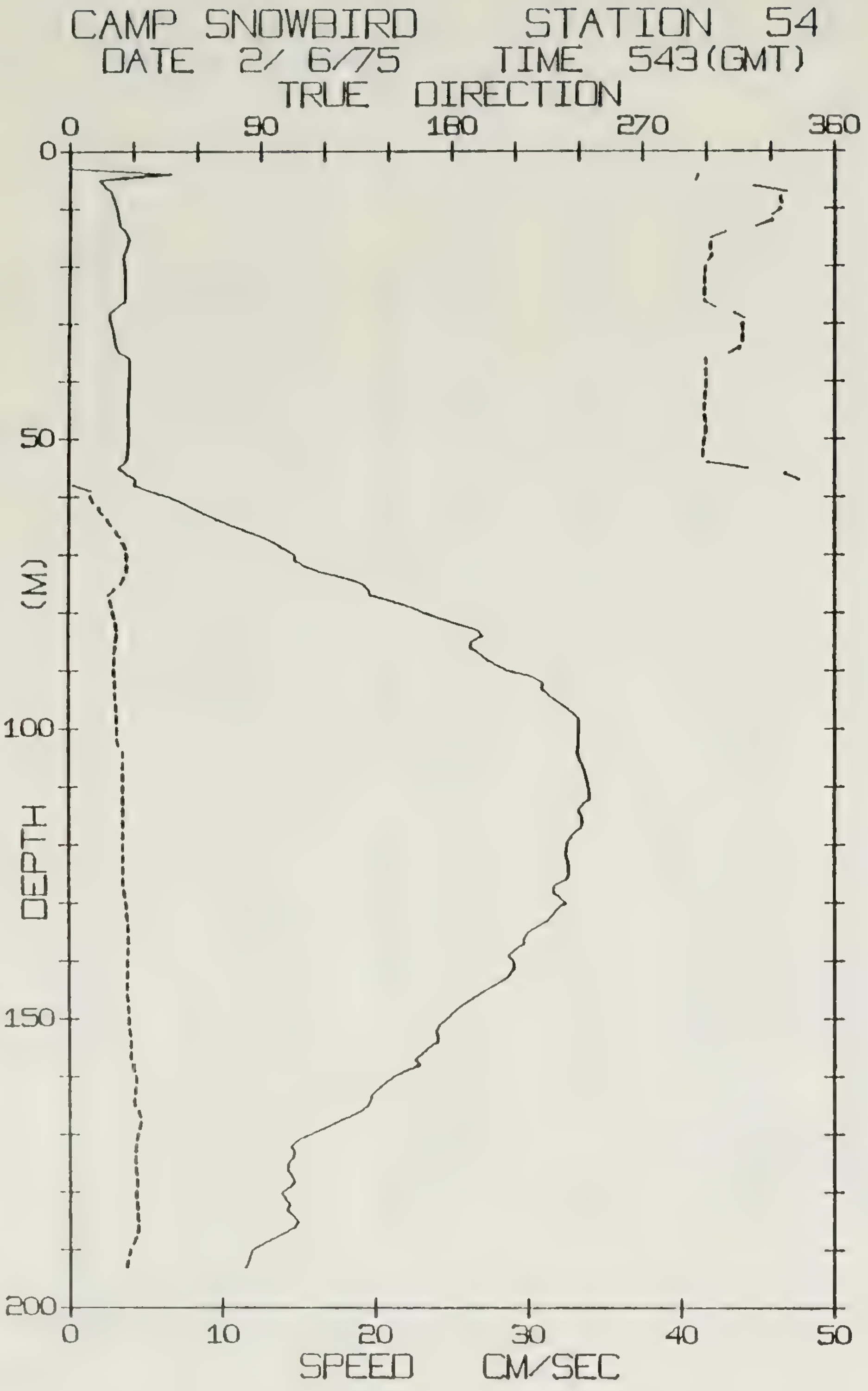
```
SNOWBIRD STATION  51     (159M. )     31/MAY/75      2040 GMT
LAT= 76.3788N  LONG= 149.8175W  LTER=     0.  LCER=     0.
NIVEL=   2.6   EIVEL=  -8.6     NVER=     0   EVER=     0

DPT     SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0     0.0   999.9       67   18.4    54.5      134   52.7    55.8
  1     0.0   999.9       68   20.5    56.3      135   53.2    54.6
  2     0.0   999.9       69   22.3    57.2      136   53.0    53.3
  3     0.0   999.9       70   24.2    55.8      137   51.8    56.3
  4     8.5   309.5       71   26.1    54.3      138   51.2    56.3
  5     8.0   312.7       72   28.4    52.3      139   50.6    56.2
  6     7.1   312.1       73   30.2    50.0      140   50.1    56.1
  7     6.5   310.9       74   31.9    49.6      141   50.6    56.2
  8     6.3   310.4       75   33.0    49.6      142   50.0    56.1
  9     6.0   309.8       76   33.6    50.1      143   47.8    55.8
 10     6.0   309.9       77   34.3    51.1      144   49.1    56.0
 11     6.2   310.7       78   35.1    51.1      145   48.9    56.0
 12     6.3   311.7       79   35.9    50.9      146   48.0    55.8
 13     6.3   312.0       80   36.1    50.5      147   47.2    55.7
 14     6.2   312.2       81   36.2    50.8      148   46.9    56.7
 15     6.0   311.5       82   36.2    51.5      149   44.9    57.3
 16     5.6   310.4       83   36.4    52.1      150   44.6    57.0
 17     5.3   311.0       84   36.9    52.1      151   45.0    56.5
 18     5.1   312.0       85   37.9    52.0      152   43.4    55.0
 19     5.2   315.8       86   38.8    52.1      153   41.3    54.8
 20     5.4   319.5       87   39.1    52.1      154   40.6    56.2
 21     5.7   319.9       88   40.3    51.6      155   40.3    56.8
 22     5.9   319.5       89   41.5    51.2      156   39.0    57.4
 23     6.0   319.5       90   42.6    51.3      157   37.7    58.4
 24     6.1   320.6       91   43.8    51.7      158   36.8    58.5
 25     6.2   321.5       92   44.9    52.1      159   36.2    56.9
 26     6.2   321.6       93   45.0    52.4
 27     6.0   321.0       94   45.4    53.4
 28     5.7   318.9       95   46.4    54.2
 29     5.5   317.0       96   47.0    54.7
 30     5.3   317.5       97   47.2    55.3
 31     5.2   316.2       98   47.2    56.0
 32     5.0   313.2       99   47.4    56.7
 33     4.7   311.0      100   48.3    56.8
 34     5.4   316.3      101   49.8    56.7
 35     5.9   319.1      102   49.7    56.5
 36     5.2   318.9      103   50.1    56.1
 37     4.7   316.1      104   51.4    55.7
 38     4.6   314.6      105   51.9    55.3
 39     5.0   315.7      106   52.6    54.8
 40     5.8   316.8      107   52.5    54.1
 41     6.0   316.7      108   53.5    53.0
 42     6.0   316.5      109   53.5    51.2
 43     5.9   316.6      110   54.6    50.9
 44     5.7   317.0      111   54.4    51.0
 45     5.6   317.4      112   55.0    50.9
 46     5.6   317.2      113   55.2    50.7
 47     5.7   317.9      114   55.7    50.9
 48     5.9   319.1      115   55.9    51.1
 49     5.8   319.7      116   55.8    51.1
 50     5.2   319.0      117   56.0    51.1
 51     4.9   320.4      118   55.8    50.6
 52     5.0   326.7      119   57.2    51.7
 53     5.4   341.2      120   54.2    53.1
 54     6.2   352.6      121   54.5    54.0
 55     7.0   358.9      122   54.6    54.0
 56     7.3     4.9      123   54.6    53.7
 57     7.2    10.1      124   54.9    53.8
 58     7.2    13.5      125   54.8    54.0
 59     7.4    17.6      126   54.4    54.3
 60     7.9    23.1      127   54.2    55.3
 61     8.7    29.9      128   53.8    56.0
 62     9.9    36.1      129   54.1    55.8
 63    11.3    41.6      130   53.5    55.5
 64    13.0    46.2      131   53.3    54.7
 65    14.5    49.5      132   53.3    54.2
 66    16.3    52.3      133   53.0    55.1
```

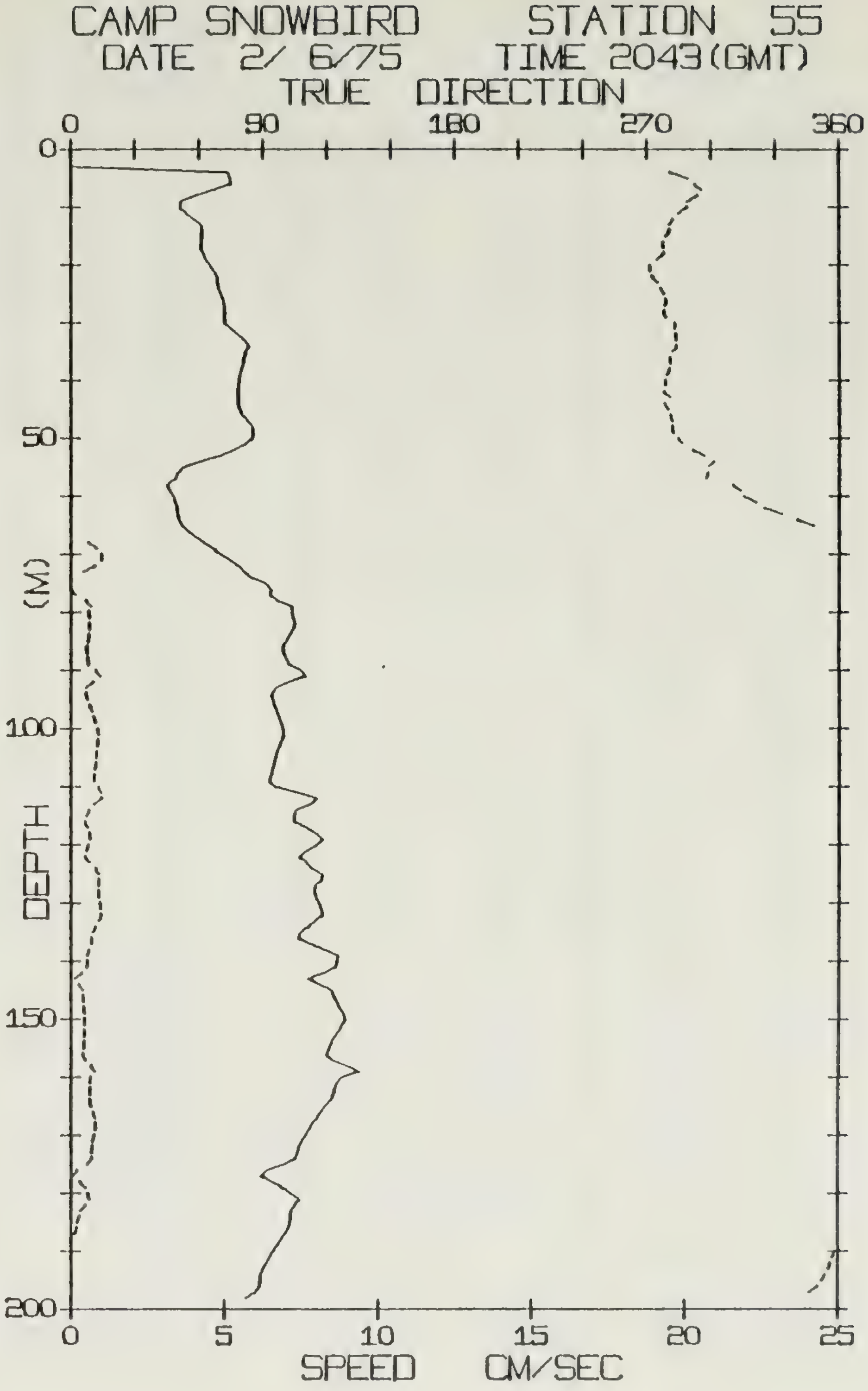

CAMP SNOWBIRD STATION 53
DATE 1/ 6/75 TIME 2213(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD STATION 52
DATE 1/ 6/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50

```
SNOWBIRD STATION  52    (183M.)        1/JUN/75         544 GMT
LAT= 76.3862N  LONG= 149.8917W  LTER=     0   LGER=      1
NIVEL=   1.2   EIVEL=  -4.7     NVER=     0   EVER=      0

 DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
   0    0.0   999.9      67   14.9   45.7      134   41.3   33.6
   1    0.0   999.9      68   16.2   47.4      135   40.6   33.4
   2    0.0   999.9      69   17.2   48.4      136   40.1   33.3
   3    0.0   999.9      70   18.0   48.9      137   40.7   33.4
   4    4.6   323.3      71   19.7   49.9      138   41.3   33.6
   5    3.5   335.7      72   20.9   49.4      139   39.0   33.3
   6    2.1   319.1      73   20.8   48.0      140   39.4   33.5
   7    2.0   309.5      74   21.4   48.1      141   39.8   33.6
   8    2.2   308.2      75   22.0   47.9      142   38.8   33.2
   9    1.9   334.3      76   22.6   47.6      143   40.5   33.4
  10    2.3   347.8      77   23.0   47.2      144   39.4   33.5
  11    2.6   345.0      78   23.5   46.7      145   38.9   33.4
  12    2.5   344.1      79   24.7   46.4      146   37.6   33.0
  13    2.1   343.1      80   25.9   46.2      147   37.2   32.8
  14    1.8   340.8      81   26.4   45.6      148   37.1   32.6
  15    1.7   338.6      82   26.6   45.2      149   36.7   32.5
  16    1.5   333.5      83   26.6   44.0      150   34.9   32.2
  17    1.3   320.4      84   26.5   42.9      151   34.7   32.2
  18    1.3   304.1      85   27.0   41.5      152   34.0   33.3
  19    2.4   291.2      86   27.7   40.2      153   33.3   34.4
  20    2.2   288.7      87   28.3   38.8      154   32.6   35.9
  21    1.2   286.6      88   29.2   38.0      155   31.9   35.7
  22    0.7   279.3      89   30.1   37.9      156   32.5   35.8
  23    0.8   274.6      90   30.9   37.8      157   32.0   35.5
  24    1.2   278.9      91   31.6   37.8      158   31.3   35.3
  25    1.3   284.9      92   32.0   37.9      159   30.4   37.0
  26    1.2   293.5      93   32.2   38.1      160   29.5   39.5
  27    1.2   303.0      94   32.7   38.4      161   28.7   40.6
  28    1.2   309.7      95   33.4   38.7      162   27.9   40.4
  29    1.1   316.2      96   33.8   38.6      163   27.3   40.1
  30    0.9   329.3      97   33.9   38.8      164   26.6   39.7
  31    0.8   329.5      98   34.4   38.6      165   25.9   39.4
  32    0.7   320.2      99   35.2   38.3      166   25.1   39.1
  33    0.7   308.7     100   36.0   38.2      167   24.3   38.8
  34    0.7   299.6     101   36.7   38.0      168   23.6   39.1
  35    0.8   298.3     102   37.4   37.8      169   22.9   40.3
  36    0.9   307.1     103   37.8   37.7      170   22.4   40.9
  37    1.0   316.1     104   37.9   37.6      171   22.4   41.1
  38    1.2   323.0     105   38.5   36.3      172   22.3   41.3
  39    1.3   327.6     106   39.0   35.0      173   21.8   41.1
  40    1.4   327.5     107   39.1   33.8      174   21.2   42.7
  41    1.4   324.4     108   39.4   33.8      175   20.5   43.3
  42    1.5   324.4     109   40.3   33.7      176   20.0   43.0
  43    1.6   323.0     110   40.9   33.7      177   19.7   43.0
  44    1.6   319.3     111   41.1   34.4      178   19.5   42.9
  45    1.6   317.2     112   41.2   35.5      179   18.6   42.5
  46    1.6   316.3     113   41.3   33.0      180   18.5   42.4
  47    1.6   314.0     114   41.7   32.9      181   17.9   42.0
  48    1.4   296.0     115   41.9   31.5      182   17.3   41.4
  49    0.8   283.4     116   41.8   33.3      183   17.2   41.3
  50    0.4   278.4     117   42.1   33.8
  51    0.4   255.3     118   43.1   32.3
  52    0.3   247.8     119   42.1   33.2
  53    0.2   276.0     120   42.4   35.0
  54    0.2    35.8     121   41.7   34.0
  55    0.9    71.7     122   42.3   33.0
  56    1.9    65.0     123   42.4   33.4
  57    3.6    38.9     124   42.5   34.2
  58    5.8    12.9     125   43.0   34.3
  59    6.5    17.5     126   42.1   34.1
  60    7.0    24.9     127   43.2   34.2
  61    7.8    26.3     128   42.1   34.1
  62    8.7    27.6     129   41.2   34.0
  63    9.6    30.5     130   42.4   34.1
  64   10.6    34.8     131   42.1   34.1
  65   11.8    39.7     132   41.7   34.0
  66   13.1    42.6     133   40.9   33.8
```

```
SNOWBIRD STATION  53    (180M.)        1/JUN/75        2213 GMT
LAT= 76.3943N  LONG= 150.0132W  LTER=    0.   LGER=      0
NIVEL=   1.8   EIVEL=  -9.0     NVER=     0   EVER=     0.

 DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
   0    0.0   999.9      67   13.8   47.2      134   40.9   32.8
   1    0.0   999.9      68   14.7   47.2      135   40.9   32.8
   2    0.0   999.9      69   15.4   46.8      136   41.4   33.0
   3    0.0   999.9      70   16.6   46.6      137   42.0   33.4
   4    7.0   291.3      71   17.8   46.3      138   41.5   34.8
   5    6.9   330.6      72   19.2   46.1      139   41.0   34.8
   6    6.8   333.5      73   20.3   45.4      140   40.2   34.6
   7    7.1   331.1      74   21.0   44.3      141   39.1   34.7
   8    5.7   333.2      75   21.7   43.3      142   37.9   34.9
   9    5.5   333.4      76   22.3   42.8      143   37.4   35.2
  10    5.6   333.8      77   22.9   42.0      144   37.3   36.2
  11    5.7   336.1      78   23.5   41.1      145   36.5   37.0
  12    5.8   335.2      79   24.3   40.2      146   35.6   37.7
  13    5.8   334.2      80   25.1   40.4      147   35.0   38.4
  14    5.4   334.5      81   26.0   40.8      148   35.3   40.1
  15    5.4   334.6      82   27.2   38.2      149   35.0   41.0
  16    5.4   334.1      83   28.3   35.1      150   34.6   41.1
  17    5.1   329.4      84   29.0   29.6      151   33.9   40.9
  18    5.8   325.0      85   29.8   31.2      152   33.2   41.1
  19    5.8   327.8      86   30.6   35.0      153   32.4   41.9
  20    4.8   332.5      87   31.5   38.3      154   31.7   43.0
  21    4.6   339.1      88   32.3   40.4      155   31.1   43.7
  22    4.5   340.9      89   32.7   42.4      156   31.1   43.8
  23    4.5   342.9      90   33.2   43.3      157   30.5   43.7
  24    4.6   343.8      91   33.7   43.5      158   29.2   43.3
  25    4.8   345.2      92   34.1   43.7      159   28.6   43.1
  26    4.9   343.6      93   34.6   43.7      160   28.0   43.0
  27    5.1   341.6      94   35.2   41.8      161   27.3   43.5
  28    5.4   340.1      95   35.7   39.8      162   26.7   43.9
  29    5.7   340.3      96   36.0   39.0      163   26.1   44.7
  30    5.6   340.4      97   36.3   39.2      164   25.6   45.8
  31    5.5   340.8      98   36.6   39.5      165   25.3   45.9
  32    5.4   338.1      99   36.9   39.7      166   24.9   46.0
  33    5.5   331.0     100   37.2   39.8      167   24.5   47.1
  34    5.6   329.6     101   37.5   39.9      168   24.2   47.9
  35    5.6   334.0     102   37.8   39.3      169   23.8   48.5
  36    5.8   332.7     103   38.2   37.8      170   23.5   48.7
  37    5.9   330.4     104   38.5   36.4      171   23.2   48.5
  38    6.1   325.8     105   38.8   35.7      172   22.0   47.8
  39    6.3   321.1     106   39.1   35.6      173   21.5   47.3
  40    6.4   320.8     107   39.5   35.6      174   21.4   47.0
  41    6.2   320.0     108   39.9   35.4      175   21.2   45.9
  42    5.8   318.7     109   40.3   35.3      176   21.2   45.1
  43    5.6   318.9     110   40.5   35.2      177   20.0   43.4
  44    5.2   319.3     111   40.8   35.0      178   20.2   42.4
  45    4.7   318.9     112   41.1   34.8      179   20.4   41.4
  46    4.3   318.4     113   41.5   34.7      180   20.4   41.4
  47    4.2   320.5     114   41.9   34.8
  48    4.6   319.6     115   42.3   34.9
  49    5.0   313.9     116   42.7   34.8
  50    4.7   305.0     117   43.0   34.5
  51    3.9   305.3     118   43.0   34.1
  52    3.5   312.2     119   43.0   33.9
  53    3.2   330.1     120   43.0   34.1
  54    3.4   354.3     121   43.1   34.2
  55    3.9   356.0     122   43.1   34.7
  56    4.9     9.2     123   43.0   35.3
  57    6.4    17.5     124   43.0   34.8
  58    6.4    23.7     125   42.9   34.2
  59    7.0    30.4     126   42.8   33.6
  60    8.1    34.3     127   42.7   33.3
  61    8.7    34.6     128   42.6   33.3
  62    9.2    34.1     129   42.2   33.2
  63   10.0    36.7     130   41.9   33.0
  64   11.5    42.4     131   41.4   32.8
  65   12.6    45.8     132   41.3   32.7
  66   13.1    46.9     133   41.1   32.8
```


CAMP SNOWBIRD STATION 54
DATE 2/ 6/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
10
20
30
40
50
SPEED CM/SEC


CAMP SNOWBIRD STATION 55
DATE 2/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

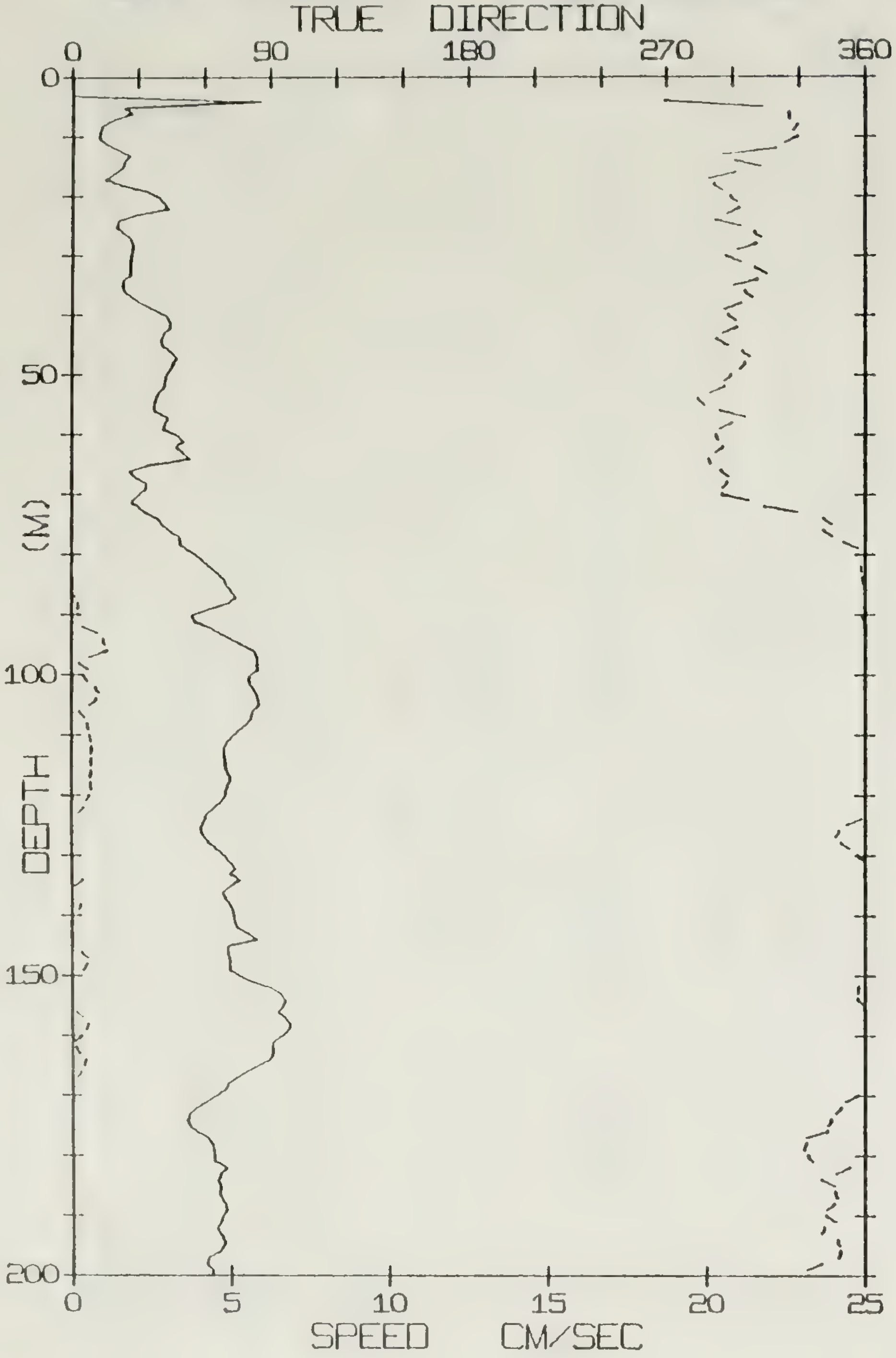
SNOWBIRD STATION 54 (193M) 2/JUN/75 543 GMT
LAT= 76.3975N LONG= 150.0798W LTER= 0 LGER= 0
NIVEL= 1.6 EIVEL= -5.3 NVER= 0. EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	12.7	24.3	134	30.6	28.0
1	0.0	999.9	68	13.5	25.9	135	30.0	28.2
2	0.0	999.9	69	14.1	26.9	136	29.8	28.3
3	0.0	999.9	70	14.8	27.6	137	29.8	28.2
4	6.7	295.9	71	14.8	27.1	138	29.2	27.9
5	2.0	294.6	72	15.4	27.4	139	28.8	27.7
6	2.3	322.3	73	16.5	27.1	140	29.0	27.7
7	2.7	337.2	74	18.1	26.0	141	29.1	27.7
8	2.9	334.9	75	19.2	24.5	142	28.9	27.6
9	3.0	335.4	76	19.6	21.7	143	28.6	27.4
10	3.1	334.3	77	19.7	19.0	144	27.9	27.2
11	3.2	331.1	78	21.1	19.9	145	27.3	27.3
12	3.2	330.5	79	22.3	20.7	146	26.7	27.6
13	3.3	323.3	80	23.2	21.1	147	26.1	28.1
14	3.7	308.9	81	24.3	21.8	148	25.5	28.3
15	3.9	301.9	82	25.4	22.4	149	25.1	28.5
16	3.8	301.5	83	26.7	22.9	150	24.7	28.5
17	3.7	301.8	84	27.1	22.7	151	24.3	28.6
18	3.5	302.4	85	26.3	22.0	152	24.0	28.9
19	3.6	300.5	86	26.2	21.7	153	24.1	29.3
20	3.6	299.3	87	26.8	21.6	154	24.1	29.6
21	3.6	299.0	88	27.3	21.6	155	23.5	29.5
22	3.6	298.8	89	27.9	21.4	156	23.1	29.5
23	3.6	298.7	90	28.7	21.4	157	22.6	29.5
24	3.6	298.8	91	30.3	21.7	158	23.0	30.4
25	3.7	298.9	92	31.0	22.0	159	22.0	31.0
26	3.7	298.9	93	30.9	22.0	160	21.2	31.7
27	3.2	303.8	94	31.3	22.2	161	20.7	31.9
28	2.7	312.7	95	31.8	22.3	162	20.3	31.4
29	2.6	317.7	96	32.4	22.6	163	19.8	30.8
30	2.8	317.0	97	32.9	22.7	164	19.7	30.5
31	2.9	316.7	98	33.3	23.0	165	19.5	31.0
32	3.0	316.7	99	33.4	23.1	166	19.0	32.8
33	3.0	317.1	100	33.3	23.1	167	18.3	33.8
34	3.1	315.3	101	33.3	23.1	168	17.4	33.5
35	3.3	310.7	102	33.3	23.2	169	16.6	32.9
36	3.9	299.8	103	33.3	23.9	170	15.8	32.2
37	3.9	299.9	104	33.3	25.6	171	14.9	31.5
38	3.9	299.8	105	33.4	25.6	172	14.5	31.1
39	3.9	299.7	106	33.6	25.6	173	14.7	31.3
40	3.9	299.6	107	33.7	25.7	174	14.6	31.3
41	3.9	299.4	108	33.8	25.7	175	14.3	31.2
42	3.9	299.2	109	33.9	25.7	176	14.3	31.2
43	3.9	299.0	110	34.0	25.8	177	14.5	31.6
44	3.9	298.9	111	34.1	25.8	178	14.8	32.0
45	3.9	298.8	112	34.1	25.9	179	14.5	31.8
46	3.9	299.2	113	33.6	25.7	180	13.9	31.3
47	3.9	299.6	114	33.3	25.7	181	14.1	31.5
48	3.9	300.0	115	33.5	25.7	182	14.4	31.9
49	3.9	299.4	116	33.6	25.7	183	14.2	31.7
50	3.9	298.6	117	33.5	25.7	184	14.6	32.2
51	3.9	298.4	118	33.0	25.7	185	15.0	32.5
52	3.9	298.3	119	32.7	25.5	186	14.7	32.3
53	3.8	298.1	120	32.5	25.5	187	14.1	31.8
54	3.7	300.6	121	32.5	25.5	188	13.4	30.8
55	3.3	319.2	122	32.5	25.6	189	12.6	29.6
56	3.7	337.1	123	32.7	25.7	190	11.9	28.4
57	4.4	343.3	124	32.7	25.7	191	11.8	27.8
58	4.3	2.2	125	32.7	25.7	192	11.6	27.1
59	5.2	9.9	126	32.5	25.9	193	11.5	26.7
60	6.5	10.4	127	31.7	26.0			
61	7.4	11.4	128	31.7	26.3			
62	8.1	13.9	129	32.1	26.8			
63	8.9	15.9	130	32.5	27.2			
64	9.8	18.2	131	31.9	27.4			
65	10.7	20.3	132	31.6	27.6			
66	11.7	22.6	133	31.3	27.9			

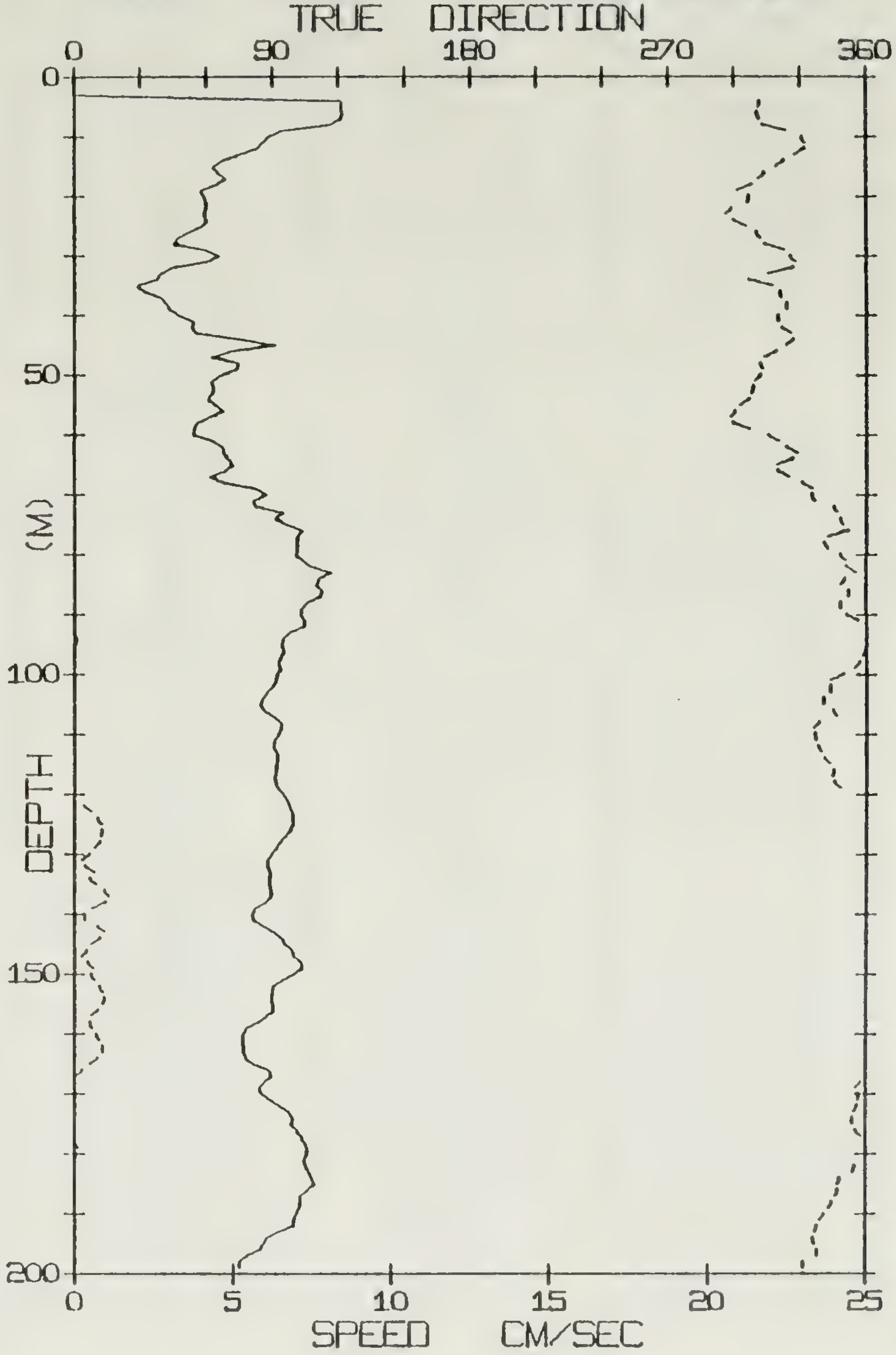
SNOWBIRD STATION 55 (198M.) 2/JUN/75 2043 GMT
LAT= 76.4049N LONG= 150.1824W LTER= 0. LGER= 0
NIVEL= 0.2 EIVEL= -6.4 NVER= 0. EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.1	3.3	134	7.7	11.7
1	0.0	999.9	68	4.3	8.4	135	7.5	10.0
2	0.0	999.9	69	4.6	12.3	136	7.4	9.5
3	0.0	999.9	70	4.9	14.6	137	7.8	9.4
4	5.1	281.3	71	5.2	14.7	138	8.3	8.4
5	5.2	289.1	72	5.5	10.9	139	8.7	7.4
6	5.2	292.4	73	5.7	6.2	140	8.7	7.6
7	4.7	295.6	74	5.9	0.7	141	8.6	7.1
8	4.0	293.6	75	6.4	357.8	142	8.2	5.1
9	3.6	289.2	76	6.5	0.8	143	7.7	2.0
10	3.5	288.6	77	6.5	2.3	144	8.1	3.9
11	3.7	284.9	78	6.7	7.3	145	8.5	5.5
12	4.0	282.4	79	7.2	9.5	146	8.6	5.8
13	4.2	280.4	80	7.2	8.3	147	8.7	6.1
14	4.3	280.5	81	7.3	8.8	148	8.8	6.3
15	4.2	278.7	82	7.3	9.0	149	8.9	6.4
16	4.2	277.5	83	7.2	8.7	150	9.0	6.6
17	4.2	277.8	84	7.1	8.3	151	8.8	6.4
18	4.3	277.6	85	7.0	7.9	152	8.7	6.2
19	4.4	274.8	86	6.9	7.4	153	8.6	6.0
20	4.5	271.6	87	7.0	7.7	154	8.5	5.8
21	4.7	271.3	88	7.0	8.1	155	8.4	5.8
22	4.8	272.7	89	7.1	8.6	156	8.3	5.7
23	4.8	275.0	90	7.5	11.8	157	8.5	6.9
24	4.8	276.5	91	7.7	14.0	158	9.0	9.3
25	4.9	278.0	92	7.1	10.4	159	9.4	11.2
26	5.0	279.0	93	6.7	7.2	160	8.8	9.2
27	5.0	278.4	94	6.5	7.2	161	8.7	8.8
28	5.0	277.8	95	6.6	8.1	162	8.6	8.7
29	5.0	279.1	96	6.7	9.3	163	8.5	8.7
30	5.0	282.9	97	6.7	10.2	164	8.4	9.0
31	5.2	282.7	98	6.8	11.1	165	8.3	9.7
32	5.4	283.5	99	6.9	12.0	166	8.1	10.6
33	5.7	283.8	100	6.9	12.9	167	8.0	11.5
34	5.8	284.0	101	6.9	13.1	168	7.8	11.7
35	5.7	281.7	102	6.9	12.7	169	7.7	11.2
36	5.6	280.5	103	6.8	12.3	170	7.6	10.6
37	5.6	281.1	104	6.7	12.0	171	7.5	9.9
38	5.5	280.2	105	6.6	11.7	172	7.4	9.7
39	5.5	279.3	106	6.6	11.4	173	7.4	9.5
40	5.5	278.4	107	6.5	11.1	174	7.3	9.5
41	5.4	278.2	108	6.5	10.8	175	6.9	7.3
42	5.4	278.0	109	6.4	10.6	176	6.4	3.0
43	5.5	280.9	110	6.6	12.8	177	6.2	0.9
44	5.4	278.4	111	7.4	14.5	178	6.6	4.2
45	5.5	279.8	112	8.0	14.5	179	6.9	6.8
46	5.6	281.1	113	7.8	10.9	180	7.2	7.9
47	5.8	281.9	114	7.3	8.5	181	7.4	8.9
48	5.9	281.9	115	7.3	7.1	182	7.3	6.7
49	6.0	282.3	116	7.3	6.6	183	7.2	4.5
50	5.9	284.5	117	7.7	7.9	184	7.1	3.6
51	5.7	286.6	118	8.0	8.9	185	7.1	2.8
52	5.3	291.5	119	8.2	9.2	186	7.1	2.3
53	4.9	296.8	120	8.0	8.2	187	7.0	1.6
54	4.2	301.3	121	7.7	7.1	188	6.8	0.6
55	3.7	298.5	122	7.4	6.6	189	6.7	359.6
56	3.5	298.3	123	7.7	8.6	190	6.6	358.5
57	3.4	297.3	124	7.8	11.6	191	6.5	357.6
58	3.1	310.4	125	8.2	13.1	192	6.3	356.4
59	3.2	313.7	126	8.1	13.2	193	6.2	355.5
60	3.4	315.5	127	8.0	12.8	194	6.2	354.0
61	3.4	321.4	128	7.9	12.9	195	6.1	352.2
62	3.5	325.2	129	8.0	13.4	196	6.1	350.6
63	3.5	333.0	130	8.1	13.9	197	6.0	347.0
64	3.5	340.5	131	8.2	14.4	198	5.7	342.1
65	3.6	348.0	132	8.2	14.5			
66	3.8	356.0	133	8.0	13.3			

CAMP SNOWBIRD STATION 56
DATE 3/ 6/75 TIME 543(GMT)

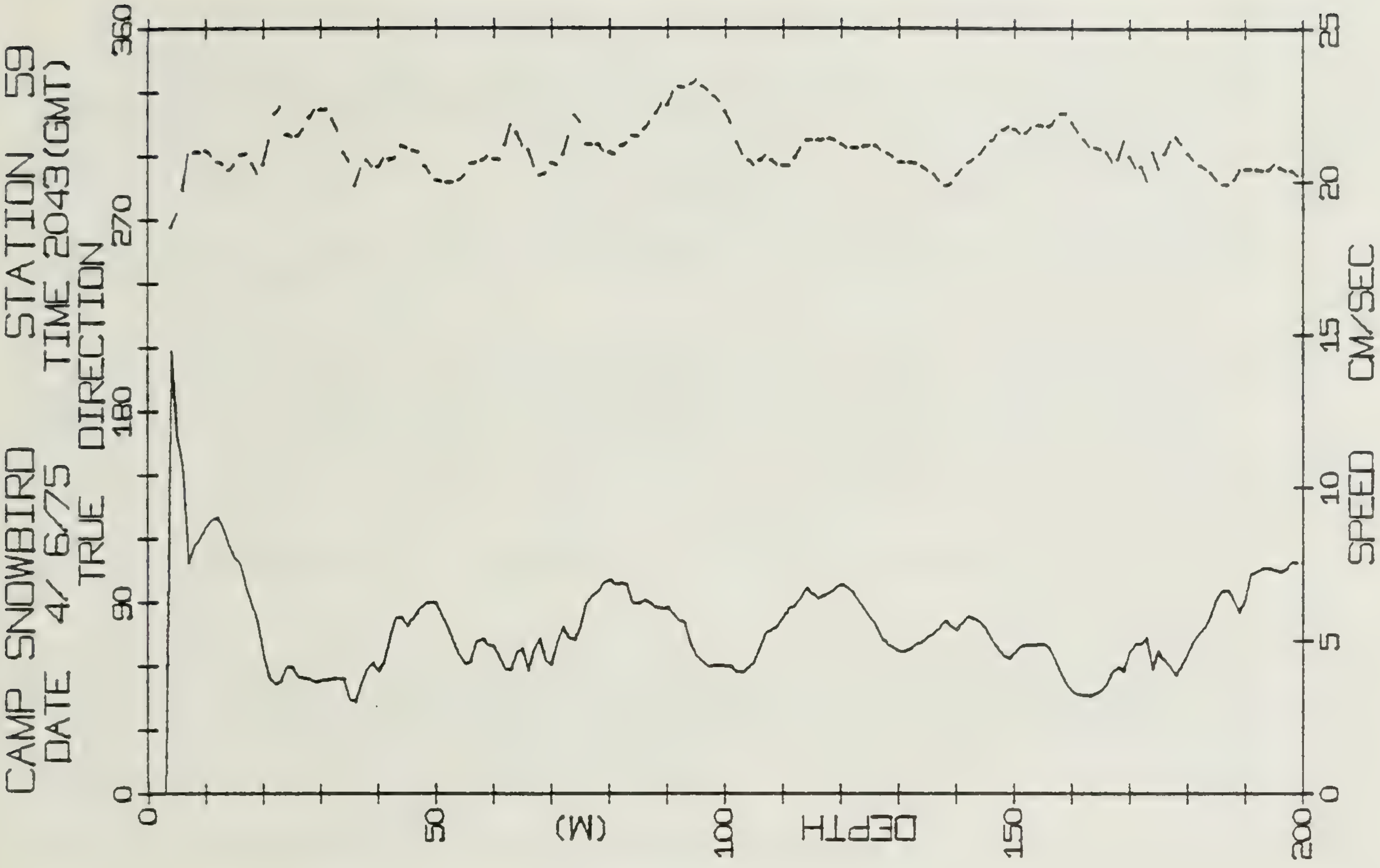


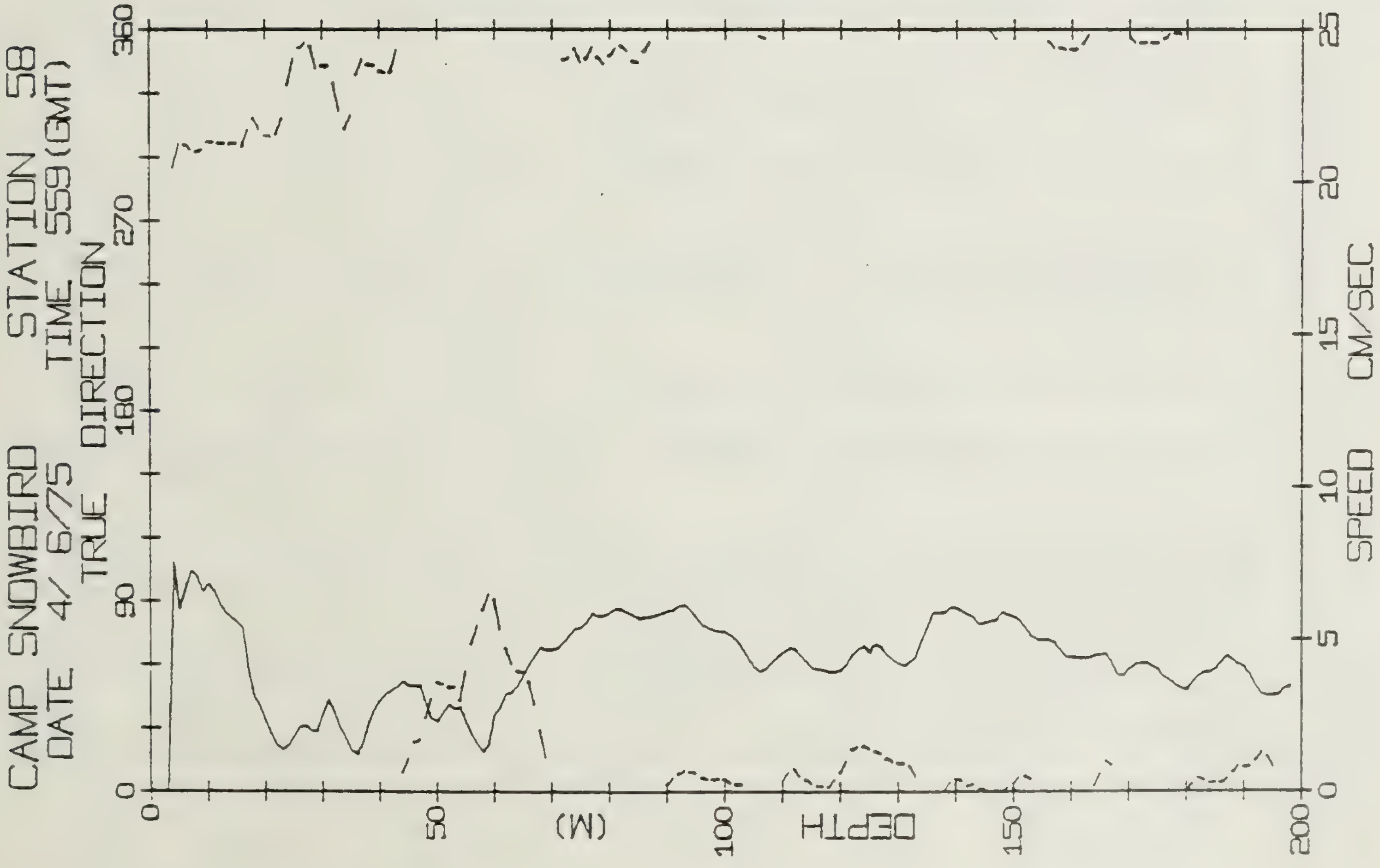
CAMP SNOWBIRD STATION 57
DATE 3/ 6/75 TIME 2043(GMT)



```
SNOWBIRD STATION  56     (200M )       3/JUN/75        543 GMT
LAT= 76.4096N  LONG= 150.2421W  LTER=      0   LGER=      0.
NIVEL=   1.3   EIVEL=  -6.6     NVER=      0   EVER=      0.

 DPT   SPD     DRN      DPT   SPD     DRN      DPT   SPD     DRN
   0   0.0   999.9       67   2.0   298.2      134   5.3     4.9
   1   0.0   999.9       68   2.4   297.4      135   5.0     1.6
   2   0.0   999.9       69   2.3   295.2      136   4.8   358.8
   3   0.0   999.9       70   2.1   295.2      137   4.8     2.1
   4   5.9   269.4       71   1.9   307.2      138   5.0     4.2
   5   1.6   313.3       72   2.1   314.2      139   5.1     3.0
   6   1.9   325.7       73   2.4   329.4      140   5.1     2.7
   7   1.3   326.0       74   2.7   341.2      141   5.1   359.5
   8   0.9   329.2       75   2.9   344.7      142   5.2   356.2
   9   0.9   327.4       76   3.1   341.2      143   5.6     0.3
  10   0.8   329.4       77   3.4   345.2      144   5.9     6.6
  11   1.0   323.8       78   3.4   350.6      145   4.9   358.4
  12   1.4   319.2       79   3.6   356.6      146   4.9     4.4
  13   1.8   295.7       80   3.9     0.4      147   5.0     7.1
  14   1.7   301.0       81   4.2   358.8      148   5.0     6.8
  15   1.6   312.2       82   4.4   358.3      149   5.0     5.1
  16   1.3   301.1       83   4.6   358.5      150   5.3     0.5
  17   1.0   289.1       84   4.8   359.0      151   5.7   358.3
  18   1.5   291.3       85   4.9   359.8      152   6.3   357.1
  19   2.3   294.6       86   5.1     0.0      153   6.6   356.6
  20   2.7   298.9       87   5.2     1.8      154   6.7   357.1
  21   2.9   301.9       88   5.0     3.2      155   6.7   359.4
  22   3.0   302.8       89   4.3     2.8      156   6.5     2.3
  23   2.0   297.2       90   3.8   358.5      157   6.7     5.0
  24   1.5   292.0       91   3.9   359.8      158   6.9     7.2
  25   1.4   303.3       92   4.4     5.5      159   6.8     6.3
  26   1.6   309.8       93   4.7    11.8      160   6.6     4.3
  27   1.9   312.7       94   5.0    14.6      161   6.3     1.5
  28   1.9   310.4       95   5.4    15.3      162   6.3     2.2
  29   1.9   302.3       96   5.8    16.2      163   6.3     3.7
  30   1.9   296.7       97   5.9     8.4      164   6.2     6.2
  31   1.8   303.5       98   5.9     3.5      165   5.9     5.1
  32   1.8   310.1       99   5.9     7.5      166   5.5     3.8
  33   1.9   315.2      100   5.6     5.7      167   5.2     2.1
  34   1.6   310.8      101   5.6     7.2      168   4.9   359.0
  35   1.6   300.6      102   5.7    10.8      169   4.8     0.2
  36   1.7   305.4      103   5.8    12.7      170   4.5   357.0
  37   1.9   308.6      104   5.9    11.2      171   4.2   351.5
  38   2.2   303.8      105   5.9     8.3      172   3.9   349.1
  39   2.6   296.5      106   5.7     3.9      173   3.7   346.7
  40   3.0   298.1      107   5.7     5.9      174   3.6   344.7
  41   3.1   301.7      108   5.5     7.3      175   3.7   343.1
  42   3.1   301.9      109   5.3     7.9      176   3.9   342.6
  43   2.9   295.7      110   5.1     8.6      177   4.3   333.6
  44   2.8   292.8      111   4.9     9.1      178   4.4   333.1
  45   2.9   297.4      112   4.8     9.3      179   4.5   332.2
  46   3.1   304.5      113   4.8     8.8      180   4.5   334.3
  47   3.3   307.7      114   4.8     8.7      181   4.5   336.1
  48   3.2   305.6      115   4.8     9.0      182   4.9   353.0
  49   3.1   303.2      116   4.9     8.7      183   4.7   346.8
  50   3.0   299.2      117   5.0     8.3      184   4.6   340.5
  51   2.9   296.5      118   4.9     8.7      185   4.7   346.0
  52   2.9   295.8      119   4.9     8.9      186   4.6   346.4
  53   2.7   289.6      120   4.8     7.9      187   4.7   347.4
  54   2.6   284.4      121   4.7     6.3      188   4.8   345.8
  55   2.6   288.9      122   4.5     5.4      189   4.9   342.5
  56   2.6   294.2      123   4.3     3.0      190   4.7   342.4
  57   3.0   305.5      124   4.2   358.1      191   4.7   346.4
  58   2.9   299.8      125   4.1   351.8      192   4.6   341.6
  59   2.9   294.1      126   4.1   348.0      193   4.7   340.0
  60   3.3   292.6      127   4.2   346.4      194   4.8   347.5
  61   3.5   293.4      128   4.4   349.1      195   4.8   348.6
  62   3.3   295.4      129   4.6   353.1      196   4.6   349.0
  63   3.5   292.3      130   4.8   356.4      197   4.3   347.6
  64   3.8   289.1      131   5.0   359.4      198   4.2   340.5
  65   2.5   290.0      132   5.2     2.1      199   4.4   333.7
  66   1.8   294.6      133   5.0   358.0      200   4.4   336.0
```

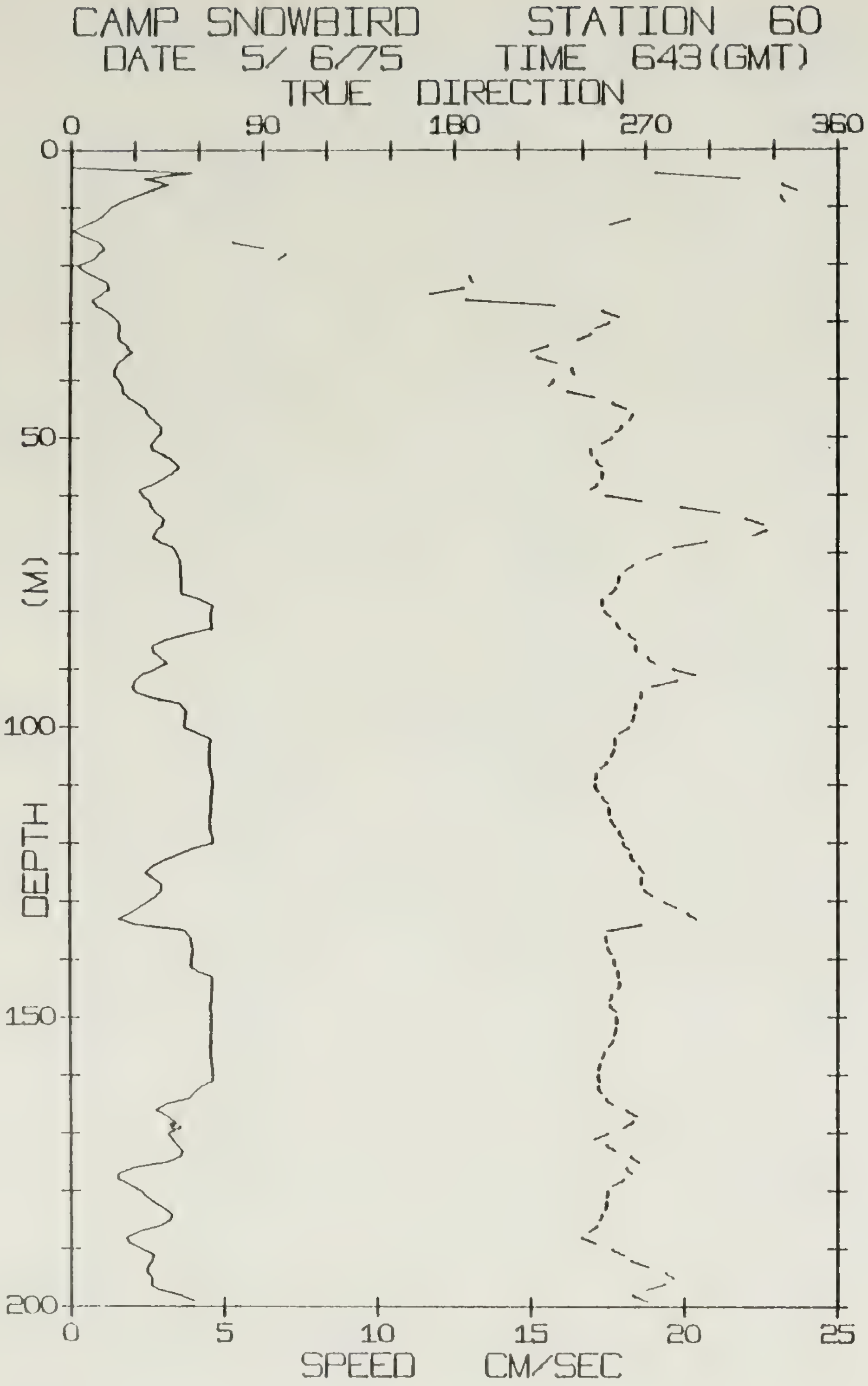
```
SNOWBIRD STATION  57     (199M.)       3/JUN/75       2043 GMT
LAT= 76.4261N  LONG= 150.3739W  LTER=      1   LGER=      2.
NIVEL=   3.9   EIVEL= -11.1     NVER=      0   EVER=      0.

 DPT   SPD     DRN      DPT   SPD     DRN      DPT   SPD     DRN
   0   0.0   999.9       67   4.3   324.8      134   6.1     6.8
   1   0.0   999.9       68   4.7   330.9      135   6.2     9.6
   2   0.0   999.9       69   5.8   335.4      136   6.2    13.6
   3   0.0   999.9       70   6.1   335.2      137   6.2    15.2
   4   8.4   311.6       71   5.7   336.7      138   6.0    13.9
   5   8.4   311.0       72   5.7   345.1      139   5.7     8.3
   6   8.5   310.3       73   6.6   346.9      140   5.6     4.8
   7   8.4   311.4       74   6.3   348.3      141   5.7     4.6
   8   8.1   312.9       75   6.7   349.7      142   6.0    10.3
   9   6.5   323.5       76   7.2   351.9      143   6.3    13.8
  10   6.1   330.8       77   7.0   342.9      144   6.5    11.4
  11   5.9   332.3       78   7.0   341.1      145   6.7     7.5
  12   5.7   331.8       79   7.0   342.5      146   6.9     5.6
  13   5.2   327.9       80   7.0   348.3      147   6.9     3.5
  14   4.7   322.7       81   7.2   350.5      148   7.2     6.1
  15   4.4   318.8       82   7.5   351.1      149   7.2     8.4
  16   4.5   313.6       83   8.1   355.2      150   6.9     7.3
  17   4.8   311.4       84   7.7   350.3      151   6.6     9.0
  18   4.5   307.9       85   7.6   348.5      152   6.3    11.2
  19   4.0   301.4       86   7.8   352.0      153   6.2    12.7
  20   4.1   306.4       87   7.8   351.9      154   6.2    13.7
  21   4.2   306.0       88   7.3   348.5      155   6.3    12.3
  22   4.1   298.7       89   7.2   348.3      156   6.3    10.6
  23   4.1   296.4       90   7.2   350.9      157   6.1     6.9
  24   4.2   299.7       91   7.3   355.9      158   5.8     6.7
  25   4.0   305.3       92   7.3   359.2      159   5.4     7.9
  26   3.6   310.0       93   6.8     1.2      160   5.3     9.6
  27   3.3   311.9       94   6.6     1.0      161   5.3    11.1
  28   3.1   313.8       95   6.5     0.5      162   5.3    12.6
  29   4.1   322.6       96   6.6   359.6      163   5.4    12.7
  30   4.6   325.5       97   6.5   358.1      164   5.4    10.4
  31   4.2   327.9       98   6.4   357.0      165   5.6     7.0
  32   3.1   326.7       99   6.5   354.7      166   6.1     3.4
  33   2.7   315.9      100   6.4   349.9      167   6.2     0.8
  34   2.6   306.9      101   6.3   343.8      168   6.0   357.7
  35   2.0   317.1      102   6.2   343.9      169   5.8   355.5
  36   2.2   320.9      103   6.1   343.5      170   5.9   356.9
  37   2.7   321.8      104   5.9   340.8      171   6.2   356.6
  38   2.9   324.1      105   5.9   340.5      172   6.5   355.8
  39   3.0   324.1      106   6.0   345.0      173   6.8   354.6
  40   3.3   320.3      107   6.3   346.5      174   6.9   353.9
  41   3.8   320.0      108   6.5   338.6      175   6.8   354.5
  42   3.7   321.9      109   6.5   336.1      176   7.0   355.4
  43   3.9   326.1      110   6.4   336.9      177   7.2   357.7
  44   5.2   327.0      111   6.3   337.4      178   7.3     0.1
  45   6.3   323.8      112   6.3   338.5      179   7.4     1.6
  46   5.0   319.0      113   6.4   339.5      180   7.3     0.6
  47   4.3   313.6      114   6.4   341.1      181   7.3   357.6
  48   5.2   311.8      115   6.4   343.5      182   7.3   355.0
  49   5.1   313.0      116   6.4   345.1      183   7.4   354.1
  50   4.6   311.7      117   6.3   344.4      184   7.5   348.4
  51   4.3   309.3      118   6.4   345.7      185   7.6   347.3
  52   4.4   308.5      119   6.5   348.3      186   7.4   347.4
  53   4.3   307.5      120   6.6   354.2      187   7.1   346.0
  54   4.2   306.5      121   6.7     0.2      188   7.1   344.5
  55   4.4   302.6      122   6.8     4.4      189   7.1   343.0
  56   4.7   300.3      123   6.9     7.8      190   7.0   341.2
  57   4.3   298.4      124   6.9    10.4      191   6.9   339.1
  58   3.9   299.4      125   6.9    12.1      192   6.9   337.8
  59   3.8   306.8      126   6.8    12.5      193   6.5   336.7
  60   3.8   315.3      127   6.7    12.0      194   6.1   335.9
  61   4.4   319.6      128   6.5    11.2      195   6.0   336.9
  62   4.7   323.9      129   6.4     9.1      196   5.8   337.9
  63   4.7   328.4      130   6.2     6.8      197   5.4   338.0
  64   4.9   326.6      131   6.1     3.6      198   5.2   331.6
  65   5.0   319.6      132   6.1     4.9      199   5.2   331.6
  66   4.8   319.9      133   6.2     8.8
```

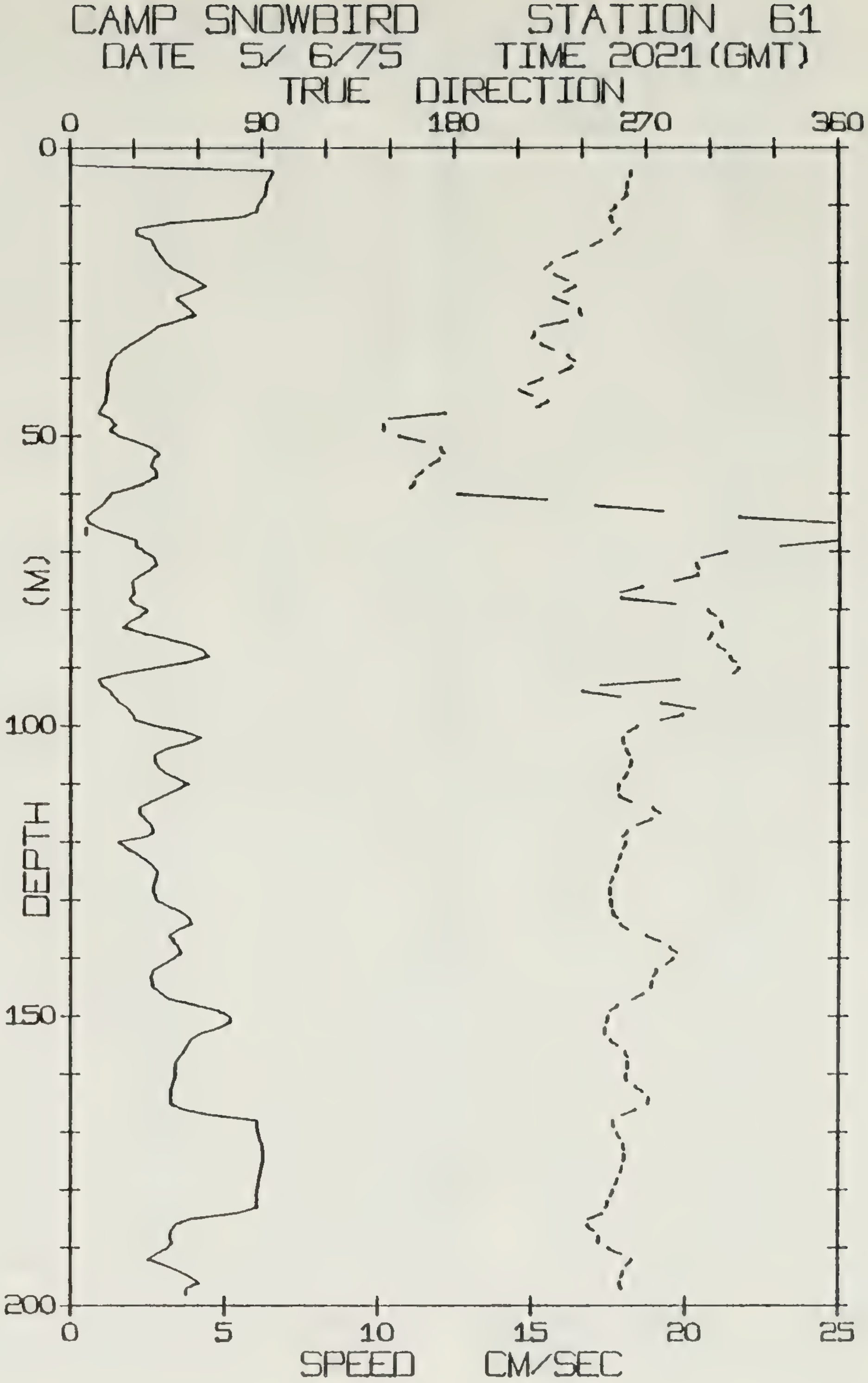

CAMP SNOWBIRD STATION 59
DATE 4/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 58
DATE 4/ 6/75 TIME 559(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION  58    (198M )      4/JUN/75       559 GMT
LAT= 76.4354N  LONG= 150.4837W  LTER=     0   LGER=     0
NIVEL=   1.8   EIVEL=  -9.4     NVER=     0   EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    4.5    41.6     134    4.9     1.9
  1    0.0   999.9      68    4.7    29.0     135    5.4   358.9
  2    0.0   999.9      69    4.7    16.5     136    5.9   359.2
  3    0.0   999.9      70    4.7     2.7     137    5.9   359.3
  4    7.5   295.2      71    4.7   352.0     138    5.9     0.4
  5    6.0   305.5      72    4.9   345.8     139    6.0     4.3
  6    6.6   305.7      73    5.1   347.2     140    6.0     5.9
  7    7.2   303.8      74    5.4   350.9     141    5.9     5.2
  8    7.1   302.4      75    5.4   344.9     142    5.8     2.9
  9    6.6   303.5      76    5.6   346.4     143    5.7     3.5
 10    6.8   306.9      77    5.9   351.4     144    5.5     1.5
 11    6.6   307.1      78    5.8   346.9     145    5.5     1.1
 12    6.2   306.5      79    5.8   344.1     146    5.6   358.7
 13    5.9   306.3      80    5.9   347.7     147    5.6   355.8
 14    5.7   306.4      81    6.0   351.1     148    5.9     0.2
 15    5.5   306.5      82    6.0   352.4     149    5.8     2.0
 16    5.4   304.6      83    5.9   350.1     150    5.7     4.1
 17    4.0   312.3      84    5.8   345.2     151    5.6     7.2
 18    3.1   318.1      85    5.7   344.5     152    5.4     7.3
 19    2.8   313.1      86    5.7   350.0     153    5.1     5.8
 20    2.3   310.0      87    5.8   353.8     154    5.0     0.8
 21    1.9   309.3      88    5.8   357.2     155    5.0   357.7
 22    1.5   310.9      89    5.9     0.3     156    5.0   354.5
 23    1.4   318.1      90    6.0     3.7     157    4.9   351.7
 24    1.5   334.0      91    6.0     6.3     158    4.7   351.2
 25    1.8   346.2      92    6.1     8.5     159    4.4   350.5
 26    2.1   351.5      93    6.2    10.2     160    4.4   350.6
 27    2.2   353.7      94    6.0     9.5     161    4.4   351.0
 28    2.0   352.4      95    5.8     8.8     162    4.4   353.5
 29    2.0   342.0      96    5.5     6.8     163    4.4   357.4
 30    2.5   343.0      97    5.4     5.9     164    4.5     2.6
 31    3.0   343.2      98    5.3     6.2     165    4.5     8.5
 32    2.7   334.8      99    5.3     6.3     166    4.5    14.2
 33    2.1   322.2     100    5.2     5.8     167    4.3    12.4
 34    1.8   313.4     101    5.1     4.1     168    3.8     1.3
 35    1.4   319.2     102    5.0     3.5     169    3.8   359.3
 36    1.2   338.7     103    4.7     3.4     170    4.0   357.8
 37    1.6   345.9     104    4.4     0.6     171    4.1   354.0
 38    2.2   343.5     105    4.1   356.9     172    4.2   354.0
 39    2.7   342.8     106    4.0   356.7     173    4.2   354.3
 40    3.0   340.5     107    4.0   355.7     174    4.1   353.8
 41    3.2   339.5     108    4.2   358.6     175    4.0   353.6
 42    3.3   340.1     109    4.4     2.2     176    3.8   355.8
 43    3.5   350.1     110    4.6     5.2     177    3.7   358.0
 44    3.6     9.5     111    4.7     9.0     178    3.5   358.4
 45    3.5    15.3     112    4.7    10.6     179    3.4   358.0
 46    3.5    23.7     113    4.5     7.6     180    3.3     0.6
 47    3.5    25.0     114    4.3     5.8     181    3.6     3.5
 48    2.9    35.0     115    4.1     4.1     182    3.8     6.4
 49    2.4    43.8     116    4.0     2.8     183    3.9     5.2
 50    2.3    51.7     117    4.0     2.4     184    3.9     3.9
 51    2.6    50.8     118    3.9     2.1     185    4.0     4.2
 52    2.9    49.5     119    4.0     5.6     186    4.3     4.0
 53    2.7    49.9     120    4.0     9.0     187    4.5     5.9
 54    2.8    43.6     121    4.2    14.2     188    4.3     9.1
 55    2.3    56.8     122    4.5    20.2     189    4.2    12.1
 56    1.9    69.9     123    4.7    21.7     190    4.1    11.6
 57    1.6    78.5     124    4.8    21.5     191    3.8    11.9
 58    1.3    86.1     125    4.6    20.5     192    3.5    14.6
 59    1.6    93.2     126    4.8    19.1     193    3.2    18.5
 60    2.5    91.2     127    4.7    18.1     194    3.1    16.7
 61    2.8    77.4     128    4.5    15.7     195    3.2    11.7
 62    3.2    67.7     129    4.3    14.1     196    3.2     0.2
 63    3.3    60.8     130    4.2    13.4     197    3.4   347.0
 64    3.5    57.2     131    4.1    13.2     198    3.5   344.3
 65    3.8    56.3     132    4.2    11.9
 66    4.2    52.1     133    4.4     7.5
```

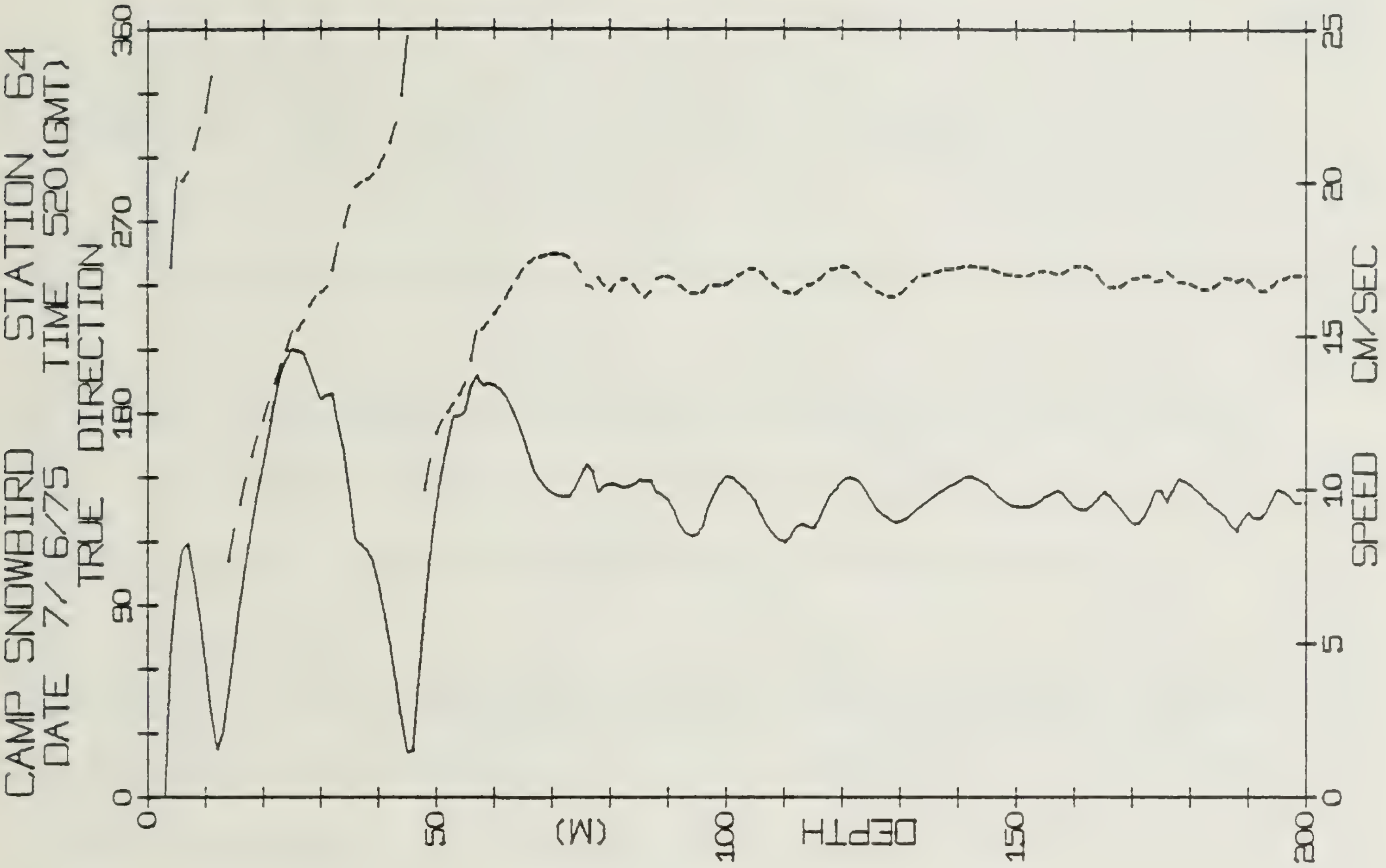
```
SNOWBIRD STATION  59    (199M.)      4/JUN/75      2043 GMT
LAT= 76.4395N  LONG= 150.6901W  LTER=     0   LGER=     0.
NIVEL=  -0.4   EIVEL= -15.3     NVER=     0   EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    4.7   295.2     134    5.0   295.0
  1    0.0   999.9      68    5.1   291.1     135    5.1   293.1
  2    0.0   999.9      69    4.4   292.3     136    5.2   291.6
  3    0.0   999.9      70    4.2   296.5     137    5.4   288.4
  4   14.5   266.8      71    4.9   295.7     138    5.7   286.0
  5   11.7   273.2      72    5.5   300.7     139    5.5   287.3
  6   10.7   284.1      73    5.1   308.9     140    5.3   291.2
  7    7.5   301.1      74    5.0   319.4     141    5.6   294.4
  8    8.1   302.0      75    5.5   316.1     142    5.8   296.9
  9    8.3   302.1      76    6.2   305.9     143    5.7   299.0
 10    8.7   302.9      77    6.5   305.0     144    5.6   301.1
 11    9.0   300.4      78    6.6   305.4     145    5.4   304.4
 12    9.1   297.7      79    6.9   302.5     146    5.1   307.2
 13    8.7   295.9      80    7.0   301.6     147    4.8   310.1
 14    8.1   293.5      81    6.9   300.7     148    4.5   312.3
 15    7.7   296.1      82    6.9   304.6     149    4.4   314.2
 16    7.5   300.6      83    6.8   306.3     150    4.6   312.7
 17    6.7   301.6      84    6.2   309.4     151    4.8   310.7
 18    6.2   296.7      85    6.2   309.1     152    4.9   311.2
 19    5.6   292.0      86    6.3   312.4     153    4.9   313.7
 20    4.6   296.1      87    6.2   316.1     154    4.9   314.8
 21    3.8   307.1      88    6.1   320.0     155    4.9   314.4
 22    3.6   320.3      89    6.0   324.4     156    4.8   314.3
 23    3.7   323.4      90    6.1   324.1     157    4.4   317.1
 24    4.1   310.4      91    5.9   330.1     158    4.0   320.3
 25    4.1   309.1      92    5.7   332.5     159    3.6   320.2
 26    3.8   309.5      93    5.6   332.2     160    3.4   316.0
 27    3.8   313.0      94    5.0   334.0     161    3.2   311.8
 28    3.7   318.1      95    4.5   335.7     162    3.2   308.1
 29    3.6   322.1      96    4.3   333.1     163    3.2   304.7
 30    3.7   321.8      97    4.2   330.9     164    3.3   304.0
 31    3.7   322.3      98    4.2   328.6     165    3.4   303.1
 32    3.8   317.7      99    4.2   325.7     166    3.6   301.8
 33    3.8   311.7     100    4.2   321.1     167    4.0   297.5
 34    3.8   301.7     101    4.1   315.5     168    4.1   298.7
 35    3.1   297.5     102    4.0   306.8     169    4.0   307.3
 36    3.0   285.9     103    4.0   300.8     170    4.6   300.0
 37    3.6   294.2     104    4.1   298.2     171    4.9   294.6
 38    4.1   298.0     105    4.3   295.9     172    4.9   295.1
 39    4.3   295.1     106    4.8   298.0     173    5.1   298.4
 40    4.0   294.7     107    5.3   300.4     174    4.1   301.7
 41    4.3   298.9     108    5.4   298.0     175    4.6   293.8
 42    5.1   298.6     109    5.5   295.6     176    4.4   301.1
 43    5.7   299.5     110    5.8   295.7     177    4.2   307.1
 44    5.8   304.8     111    6.1   295.7     178    3.9   308.8
 45    5.5   303.8     112    6.2   298.9     179    4.2   305.6
 46    5.7   302.5     113    6.4   303.4     180    4.5   301.6
 47    6.0   301.5     114    6.7   307.4     181    5.0   298.4
 48    6.2   295.8     115    6.6   307.7     182    5.2   296.0
 49    6.3   292.1     116    6.4   307.3     183    5.4   294.4
 50    6.2   289.0     117    6.5   307.8     184    5.8   292.4
 51    5.8   287.8     118    6.6   308.4     185    6.3   288.8
 52    5.5   287.6     119    6.7   307.2     186    6.6   287.0
 53    5.0   287.4     120    6.9   305.5     187    6.7   287.2
 54    4.5   288.8     121    6.8   303.7     188    6.4   289.1
 55    4.3   291.1     122    6.6   303.5     189    5.9   293.7
 56    4.3   296.4     123    6.3   304.2     190    6.3   294.3
 57    5.0   297.1     124    6.0   304.7     191    7.2   294.0
 58    5.1   298.1     125    5.8   305.2     192    7.3   293.5
 59    4.9   300.1     126    5.5   304.6     193    7.4   293.3
 60    4.8   298.5     127    5.1   302.6     194    7.4   294.1
 61    4.5   298.1     128    4.9   301.2     195    7.3   296.5
 62    4.1   305.2     129    4.8   299.4     196    7.2   294.7
 63    4.0   314.9     130    4.6   297.1     197    7.3   293.1
 64    4.6   311.1     131    4.7   297.1     198    7.6   293.2
 65    4.8   304.8     132    4.8   297.0     199    7.5   291.1
 66    4.0   303.1     133    4.9   296.4
```

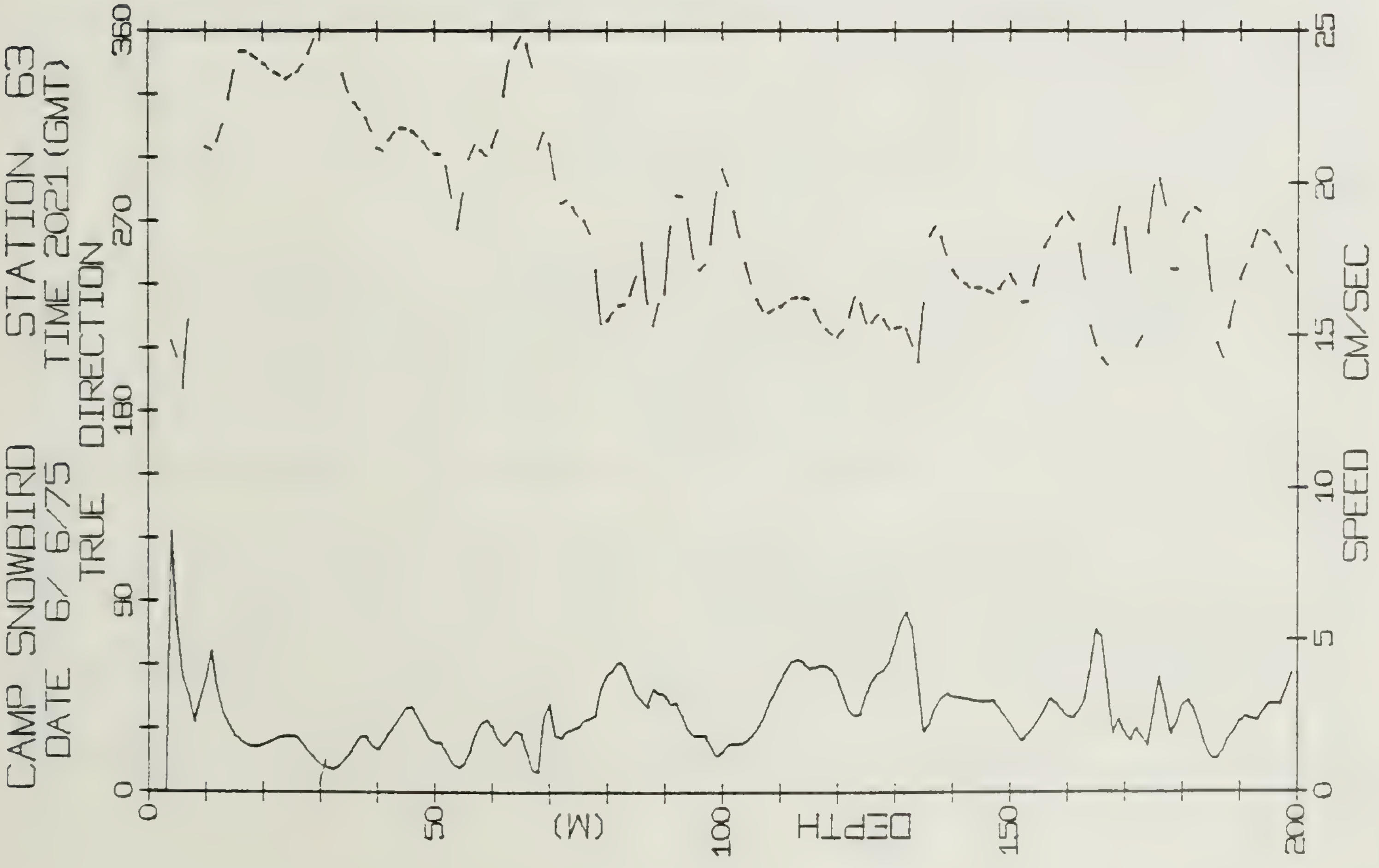

CAMP SNOWBIRD STATION 60
DATE 5/ 6/75 TIME 643(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 61
DATE 5/ 6/75 TIME 2021(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION  60     (199M.)        5/JUN/75        643 GMT
LAT- 76.4366N  LONG= 150.8172W  LTER=    12   LCER=    38
NIVEL=  -1.9   EIVEL=  -6.2     NVER=    0.   EVER=    0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    2.7   320.2       134    2.1   267.9
  1    0.0   999.9        68    2.9   298.7       135    3.7   252.5
  2    0.0   999.9        69    3.4   283.2       136    3.9   251.3
  3    0.0   999.9        70    3.5   277.4       137    4.0   251.8
  4    3.9   274.7        71    3.6   270.7       138    4.0   252.8
  5    2.4   313.5        72    3.6   264.2       139    4.0   254.0
  6    3.1   333.9        73    3.6   260.5       140    4.0   255.3
  7    2.6   340.7        74    3.7   257.7       141    3.9   255.8
  8    2.1   333.4        75    3.7   256.9       142    4.1   256.9
  9    1.6   335.0        76    3.6   256.0       143    4.6   257.4
 10    1.3   340.0        77    3.7   253.5       144    4.6   258.1
 11    1.1   285.5        78    4.3   250.0       145    4.6   256.9
 12    0.9   262.2        79    4.7   249.7       146    4.6   254.3
 13    0.5   253.2        80    4.6   251.1       147    4.6   253.2
 14    0.0   300.4        81    4.6   253.7       148    4.6   253.7
 15    0.4    63.0        82    4.6   256.5       149    4.6   256.4
 16    0.9    76.0        83    4.7   258.1       150    4.6   256.5
 17    1.1    90.2        84    3.8   262.3       151    4.6   256.2
 18    0.9   100.4        85    3.1   265.2       152    4.6   255.8
 19    0.7    97.1        86    2.7   265.4       153    4.6   255.2
 20    0.2   125.6        87    2.7   265.7       154    4.6   254.4
 21    0.4   183.9        88    3.0   271.3       155    4.6   252.7
 22    0.8   187.5        89    3.2   274.3       156    4.6   250.7
 23    1.2   188.9        90    2.8   283.0       157    4.6   249.4
 24    1.3   184.1        91    2.3   292.8       158    4.6   248.3
 25    1.0   169.0        92    2.1   284.8       159    4.6   247.8
 26    0.7   185.7        93    2.1   273.5       160    4.6   247.8
 27    0.8   227.0        94    2.2   268.2       161    4.6   248.3
 28    1.2   249.9        95    2.7   267.5       162    4.3   247.7
 29    1.4   257.0        96    3.6   265.5       163    4.0   249.2
 30    1.6   252.7        97    3.8   264.9       164    3.9   251.3
 31    1.6   246.6        98    3.8   264.4       165    3.1   254.3
 32    1.6   244.0        99    3.8   263.4       166    2.8   260.9
 33    1.6   238.1       100    3.7   262.1       167    3.1   265.6
 34    1.8   224.0       101    4.1   258.2       168    3.4   264.0
 35    2.0   216.2       102    4.6   255.8       169    3.6   259.4
 36    1.8   219.0       103    4.6   255.6       170    3.2   252.2
 37    1.6   228.0       104    4.6   255.0       171    3.3   245.9
 38    1.4   235.3       105    4.6   253.9       172    3.5   251.8
 39    1.4   236.6       106    4.6   251.9       173    3.6   255.8
 40    1.6   226.7       107    4.6   249.3       174    3.6   262.9
 41    1.7   224.6       108    4.6   247.3       175    3.2   267.0
 42    1.7   233.5       109    4.7   246.4       176    2.1   261.2
 43    1.9   245.6       110    4.7   246.6       177    1.6   263.5
 44    2.2   254.8       111    4.6   247.9       178    1.6   259.9
 45    2.5   260.8       112    4.6   249.7       179    1.9   254.5
 46    2.5   263.6       113    4.6   252.3       180    2.3   252.2
 47    2.8   262.2       114    4.6   253.0       181    2.5   251.6
 48    2.9   259.0       115    4.6   253.3       182    2.7   251.3
 49    3.0   256.2       116    4.6   254.1       183    3.0   251.0
 50    2.8   254.3       117    4.6   255.8       184    3.3   249.6
 51    2.7   249.9       118    4.6   257.6       185    3.2   248.5
 52    2.7   244.6       119    4.7   259.5       186    2.9   247.1
 53    3.1   244.8       120    4.7   259.4       187    2.3   243.4
 54    3.4   247.1       121    4.0   262.2       188    1.8   240.0
 55    3.6   249.3       122    3.5   263.0       189    1.9   246.3
 56    3.4   249.9       123    3.1   264.5       190    2.3   254.2
 57    3.1   250.0       124    2.7   267.0       191    2.7   259.3
 58    2.8   247.4       125    2.5   269.4       192    2.6   263.4
 59    2.3   244.6       126    2.7   268.0       193    2.5   271.0
 60    2.4   251.5       127    3.0   267.6       194    2.5   279.5
 61    2.6   268.1       128    3.0   269.7       195    2.6   283.1
 62    2.7   286.6       129    2.8   273.2       196    2.6   279.0
 63    2.8   304.6       130    2.6   278.8       197    2.8   270.5
 64    3.1   316.9       131    2.3   284.1       198    3.6   264.1
 65    3.0   324.8       132    2.0   289.9       199    4.0   271.0
 66    2.8   326.8       133    1.6   293.6
```

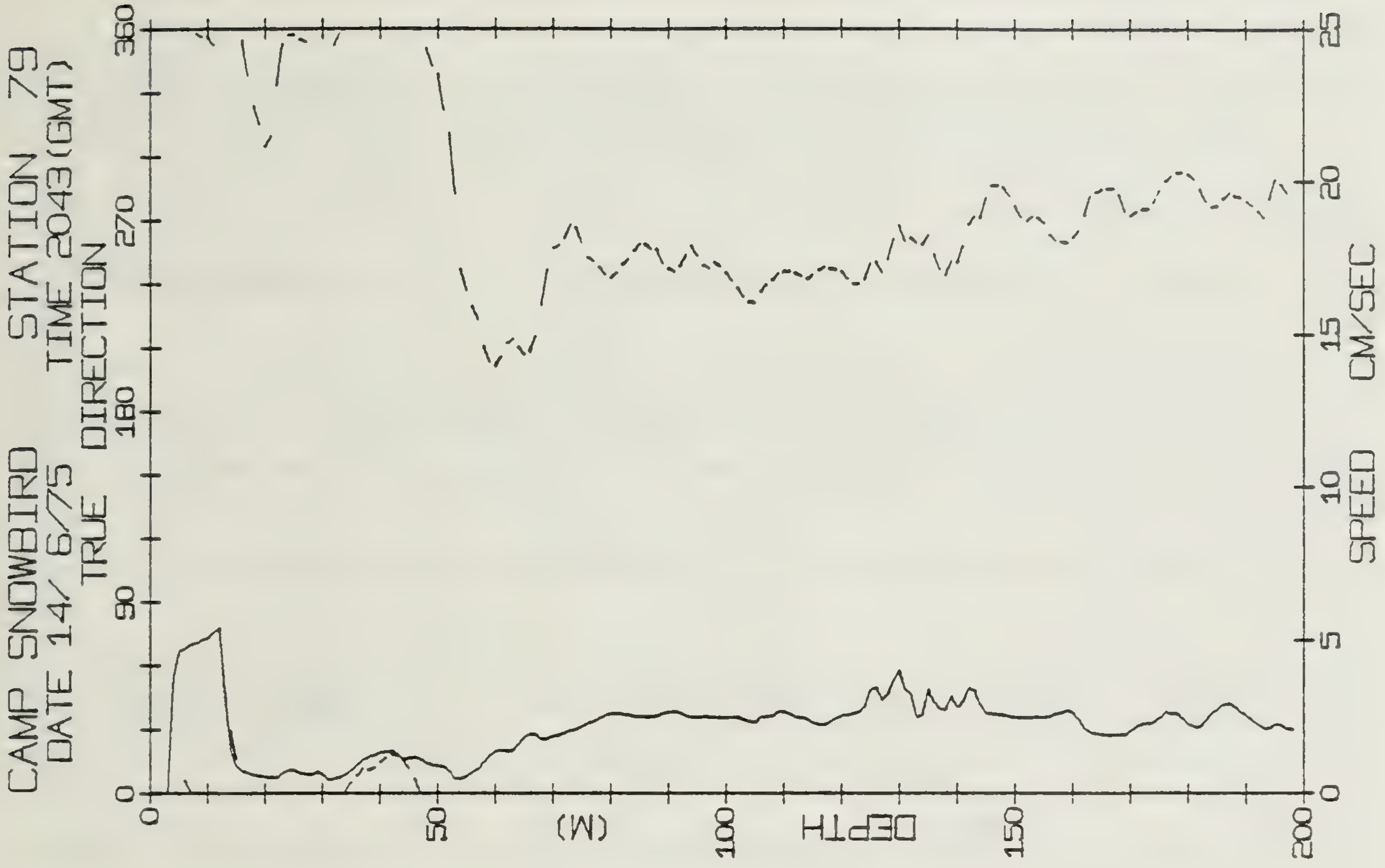
```
SNOWBIRD STATION  61     (198M.)        5/JUN/75        2021 GMT
LAT- 76.4305N  LONG= 150.9395W  LTER=     1   LCER=     2
NIVEL=  -2.3   EIVEL=  -7.4     NVER=    0.   EVER=    0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    1.6     7.3       134    4.0   257.9
  1    0.0   999.9        68    2.1   359.5       135    3.5   261.1
  2    0.0   999.9        69    2.2   332.6       136    3.2   269.8
  3    0.0   999.9        70    2.4   307.4       137    3.4   276.2
  4    6.6   262.7        71    2.7   295.7       138    3.5   281.0
  5    6.5   262.1        72    2.8   293.4       139    3.6   284.1
  6    6.4   260.9        73    2.6   294.6       140    3.4   282.4
  7    6.4   260.6        74    2.3   293.9       141    3.0   279.3
  8    6.4   260.5        75    2.0   283.0       142    2.7   275.0
  9    6.2   258.6        76    2.0   268.0       143    2.6   273.1
 10    6.1   255.4        77    2.1   257.7       144    2.7   272.4
 11    6.1   253.2        78    1.9   258.3       145    2.7   271.8
 12    5.6   253.1        79    2.1   283.2       146    3.0   268.6
 13    3.3   254.4        80    2.5   298.8       147    3.2   263.5
 14    2.2   257.2        81    2.3   302.2       148    4.0   256.5
 15    2.1   254.7        82    1.9   304.7       149    4.8   253.1
 16    2.7   249.0        83    1.7   305.6       150    5.2   251.9
 17    2.7   244.0        84    2.3   300.7       151    5.2   251.2
 18    2.8   237.3        85    3.1   298.7       152    4.8   250.5
 19    3.0   231.2        86    3.9   303.2       153    4.2   250.7
 20    3.1   225.4        87    4.3   306.6       154    3.9   253.1
 21    3.4   222.3        88    4.5   309.0       155    3.8   256.4
 22    3.8   227.1        89    3.9   311.5       156    3.7   259.8
 23    4.1   232.8        90    2.8   312.9       157    3.6   261.3
 24    4.4   236.1        91    1.7   310.2       158    3.4   261.3
 25    4.0   231.5        92    0.9   284.8       159    3.4   260.7
 26    3.5   226.9        93    1.0   248.3       160    3.4   260.2
 27    3.6   232.9        94    1.3   240.1       161    3.4   260.7
 28    3.9   238.7        95    1.4   257.3       162    3.3   264.8
 29    4.1   239.6        96    1.6   276.8       163    3.2   268.7
 30    3.5   232.7        97    1.9   292.2       164    3.3   271.0
 31    2.8   220.5        98    2.0   287.0       165    3.3   270.7
 32    2.6   217.6        99    2.1   276.3       166    3.6   265.4
 33    2.3   216.3       100    2.7   265.6       167    4.5   258.7
 34    2.0   220.4       101    3.7   261.0       168    6.1   254.5
 35    1.7   226.1       102    4.3   258.9       169    6.1   254.9
 36    1.5   232.9       103    3.8   259.3       170    6.1   256.4
 37    1.3   236.0       104    3.1   260.6       171    6.2   257.8
 38    1.2   234.6       105    2.7   262.1       172    6.3   259.2
 39    1.2   229.2       106    2.7   262.8       173    6.3   259.7
 40    1.2   221.2       107    2.9   261.8       174    6.3   259.7
 41    1.2   215.0       108    3.0   260.6       175    6.3   259.3
 42    1.2   210.6       109    3.5   258.9       176    6.2   258.5
 43    1.1   216.1       110    3.8   257.0       177    6.2   257.7
 44    1.1   223.4       111    3.5   256.2       178    6.1   256.5
 45    1.0   218.6       112    3.0   257.2       179    6.1   255.4
 46    0.9   175.6       113    2.6   262.3       180    6.1   254.2
 47    1.3   149.6       114    2.3   272.9       181    6.1   253.0
 48    1.5   147.0       115    2.3   276.3       182    6.1   251.9
 49    1.3   146.5       116    2.4   272.3       183    6.1   251.0
 50    1.6   154.0       117    2.6   265.4       184    5.5   249.1
 51    2.1   165.8       118    2.7   260.8       185    3.9   243.1
 52    2.6   173.6       119    2.5   258.7       186    3.4   242.5
 53    2.9   175.3       120    1.6   260.0       187    3.3   245.2
 54    2.7   172.8       121    1.8   258.7       188    3.2   247.6
 55    2.6   168.8       122    2.1   257.5       189    3.3   247.8
 56    2.8   165.2       123    2.4   256.7       190    3.1   252.3
 57    2.8   162.0       124    2.7   256.0       191    2.8   258.1
 58    2.4   161.2       125    2.8   255.1       192    2.5   263.1
 59    2.0   159.0       126    2.8   254.0       193    3.1   260.7
 60    1.3   181.3       127    2.7   252.6       194    3.5   259.1
 61    1.2   223.0       128    2.7   253.0       195    3.9   258.1
 62    1.0   246.2       129    2.7   253.2       196    4.2   257.3
 63    0.7   277.4       130    2.8   253.3       197    3.8   258.5
 64    0.5   313.4       131    3.2   253.5       198    3.8   258.5
 65    0.6   357.9       132    3.6   254.4
 66    1.0     7.5       133    3.9   256.5
```

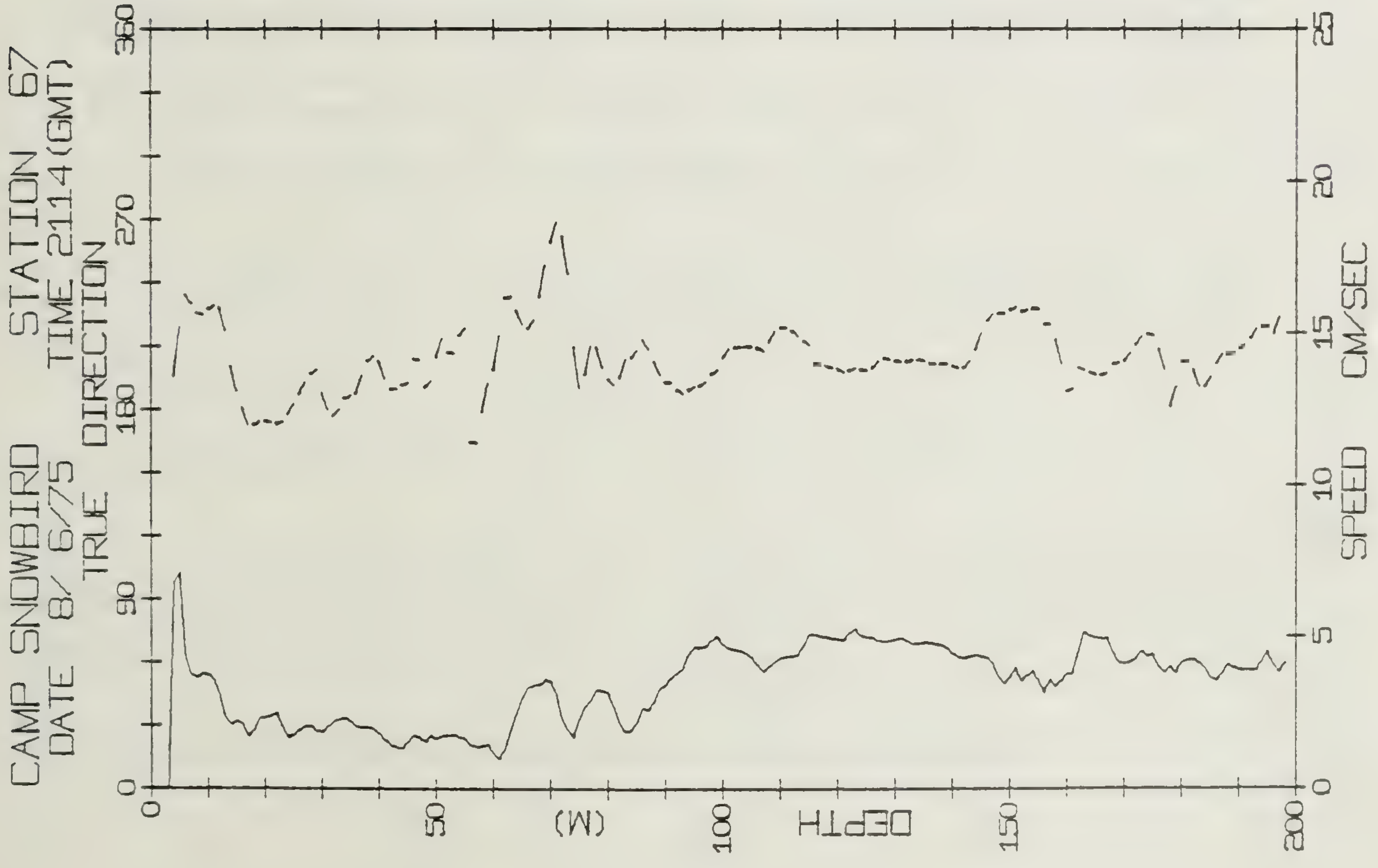

CAMP SNOWBIRD STATION 64
DATE 7/ 6/75 TIME 520(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
100
150
200
(M) DEPTH


CAMP SNOWBIRD STATION 63
DATE 6/ 6/75 TIME 2021(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
100
150
200
(M) DEPTH

```
SNOWBIRD STATION  63     (199M )       6/JUN/75       2021 GMT
LAT= 76.4136N   LONG= 151.1105W   LTER=      0   LGER=       1.
NIVEL=   -2.9   EIVEL=   -7.4     NVER=      0   EVER=       0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    0.7   342.8      134    3.8   203.4
  1    0.0   999.9       68    0.6   304.1      135    2.0   231.4
  2    0.0   999.9       69    2.5   311.7      136    2.2   262.8
  3    0.0   999.9       70    2.9   306.4      137    2.7   267.3
  4    8.6   213.1       71    1.8   289.8      138    3.0   262.4
  5    5.4   205.7       72    1.8   278.5      139    3.2   253.9
  6    3.7   191.1       73    2.0   279.8      140    3.1   246.8
  7    3.1   223.1       74    2.1   276.7      141    3.1   242.7
  8    2.3   245.4       75    2.1   272.0      142    3.0   240.6
  9    3.0   297.1       76    2.3   270.3      143    3.0   238.6
 10    3.7   304.9       77    2.4   264.1      144    3.0   238.3
 11    4.6   303.5       78    2.5   246.9      145    3.0   238.3
 12    3.3   307.6       79    3.5   221.2      146    3.0   237.0
 13    2.5   315.4       80    3.8   222.9      147    3.0   235.5
 14    2.2   327.3       81    4.0   226.9      148    2.8   237.6
 15    1.8   340.9       82    4.3   229.9      149    2.5   241.4
 16    1.7   349.9       83    4.1   230.9      150    2.2   244.5
 17    1.5   350.1       84    3.7   234.9      151    1.9   240.1
 18    1.5   348.6       85    3.2   243.4      152    1.7   231.7
 19    1.5   346.4       86    3.0   259.6      153    1.9   232.1
 20    1.5   344.5       87    2.8   231.3      154    2.1   239.5
 21    1.6   342.1       88    3.4   220.8      155    2.4   248.8
 22    1.7   340.3       89    3.2   231.1      156    2.7   257.8
 23    1.8   338.7       90    3.2   235.5      157    3.0   262.5
 24    1.8   337.2       91    2.9   267.3      158    2.9   267.7
 25    1.8   338.8       92    2.9   281.9      159    2.7   271.7
 26    1.7   340.4       93    2.5   281.3      160    2.5   274.1
 27    1.5   343.8       94    2.1   270.9      161    2.4   270.5
 28    1.3   348.9       95    1.9   252.5      162    2.6   259.1
 29    1.1   355.6       96    1.9   247.0      163    3.0   242.6
 30    0.9     5.2       97    1.9   249.6      164    4.0   220.4
 31    0.8    14.4       98    1.5   259.2      165    5.3   210.8
 32    0.7     8.5       99    1.1   283.8      166    5.1   204.9
 33    0.8   351.9      100    1.3   294.5      167    3.5   201.8
 34    1.0   339.3      101    1.5   286.8      168    1.9   258.9
 35    1.2   331.0      102    1.6   274.8      169    2.4   276.7
 36    1.5   326.0      103    1.6   262.6      170    1.9   266.5
 37    1.8   322.6      104    1.6   250.5      171    1.7   245.5
 38    1.8   318.8      105    1.8   240.4      172    2.1   210.7
 39    1.5   312.6      106    2.0   232.9      173    1.8   215.1
 40    1.4   304.4      107    2.4   228.1      174    1.5   264.5
 41    1.6   303.0      108    2.8   226.9      175    2.5   286.6
 42    1.9   308.0      109    3.2   228.4      176    3.8   289.8
 43    2.2   311.8      110    3.6   229.5      177    2.9   277.3
 44    2.5   313.7      111    4.0   231.4      178    1.9   247.0
 45    2.7   313.4      112    4.3   233.4      179    2.2   247.3
 46    2.8   312.4      113    4.4   234.0      180    2.8   269.7
 47    2.4   310.2      114    4.3   233.6      181    3.0   274.3
 48    2.1   307.7      115    4.1   233.1      182    2.7   276.3
 49    1.7   303.8      116    4.1   227.9      183    2.2   274.7
 50    1.6   301.8      117    4.1   222.3      184    1.5   263.0
 51    1.6   301.8      118    4.1   218.9      185    1.1   236.7
 52    1.3   295.6      119    4.0   216.4      186    1.1   212.1
 53    0.9   280.8      120    3.7   215.4      187    1.3   205.4
 54    0.8   266.5      121    3.2   218.7      188    1.7   219.6
 55    0.9   283.2      122    2.7   224.6      189    2.0   231.8
 56    1.3   299.2      123    2.5   234.1      190    2.3   242.3
 57    1.8   305.8      124    2.5   231.0      191    2.5   249.3
 58    2.2   303.5      125    3.2   221.9      192    2.4   257.6
 59    2.4   300.7      126    3.6   222.3      193    2.3   265.3
 60    2.2   305.0      127    3.9   225.6      194    2.6   265.4
 61    1.7   312.7      128    4.0   223.6      195    2.9   263.4
 62    1.5   329.0      129    4.3   219.2      196    2.9   259.8
 63    1.7   345.8      130    4.8   219.6      197    2.8   255.1
 64    2.0   351.7      131    5.5   220.2      198    3.3   248.7
 65    1.9   356.6      132    5.9   218.9      199    3.9   245.4
 66    1.3   353.6      133    5.4   211.4
```

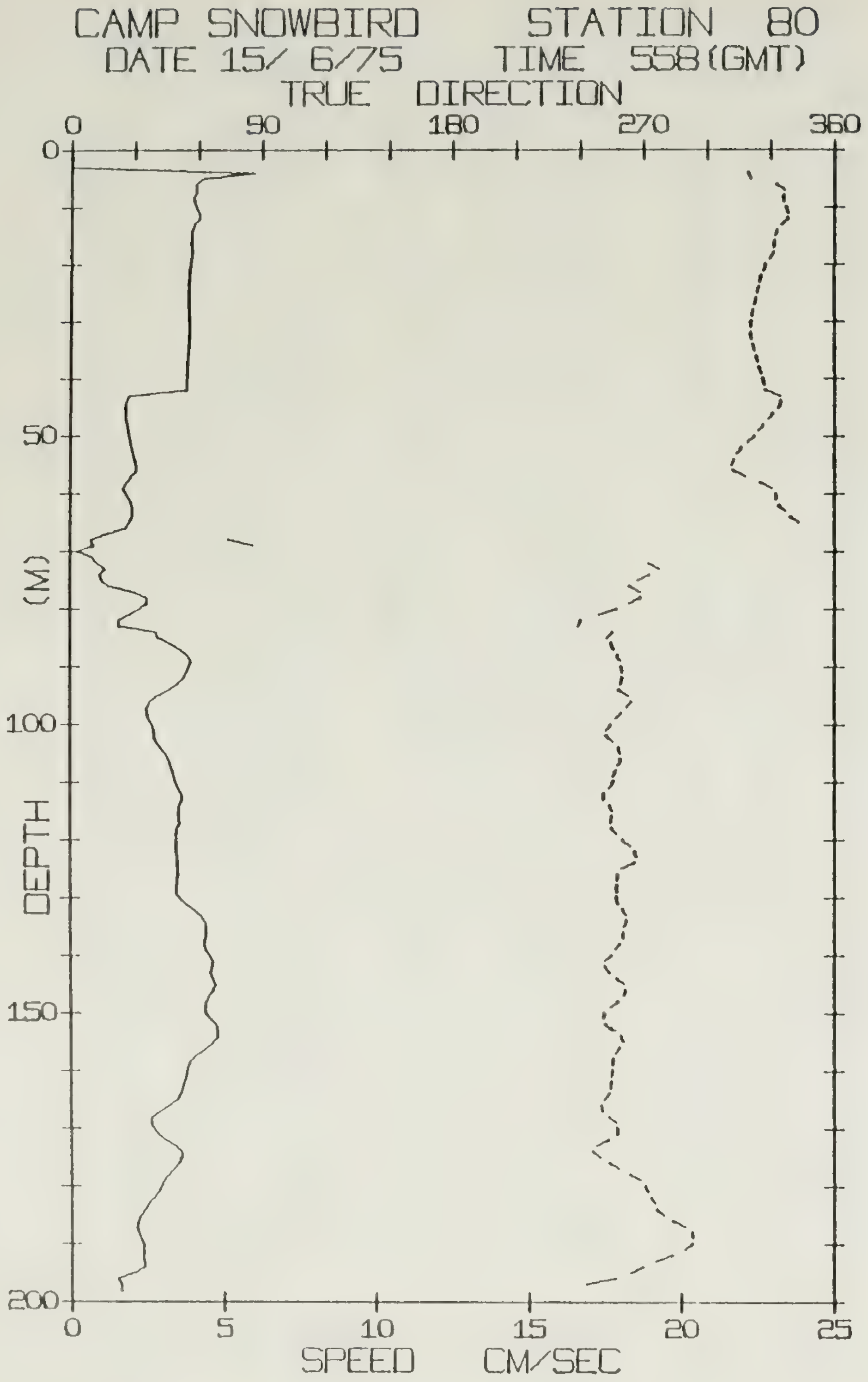
```
SNOWBIRD STATION  64     (199M.)       7/JUN/75        520 GMT
LAT= 76.4051N   LONG= 151.1836W   LTER=     0.   LGER=      0.
NIVEL=   -5.1   EIVEL=   -4.9     NVER=     0.   EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   10.6   252.5      134    9.5   244.8
  1    0.0   999.9       68   10.3   253.1      135    9.7   245.5
  2    0.0   999.9       69   10.0   254.0      136    9.8   246.2
  3    0.0   999.9       70    9.9   254.4      137   10.0   246.9
  4    4.9   248.3       71    9.8   254.3      138   10.1   247.3
  5    6.8   290.4       72    9.7   253.8      139   10.2   247.8
  6    8.1   289.1       73    9.8   252.7      140   10.3   248.3
  7    8.3   293.3       74   10.1   250.0      141   10.4   248.8
  8    7.2   303.8       75   10.5   246.0      142   10.5   248.9
  9    5.9   313.8       76   10.8   239.9      143   10.4   248.5
 10    4.3   321.5       77   10.6   238.4      144   10.3   248.1
 11    2.7   338.0       78    9.9   242.9      145   10.1   247.5
 12    1.5    24.3       79   10.1   239.8      146    9.9   246.6
 13    2.1    83.5       80   10.2   237.3      147    9.7   245.7
 14    3.4   110.6       81   10.1   239.9      148    9.6   245.0
 15    4.9   125.8       82   10.1   242.5      149    9.5   244.4
 16    6.4   137.2       83   10.1   242.5      150    9.4   244.1
 17    7.6   149.6       84   10.2   240.1      151    9.4   244.1
 18    8.8   159.8       85   10.3   236.5      152    9.5   244.6
 19    9.9   169.1       86   10.3   234.5      153    9.5   245.7
 20   10.8   176.8       87   10.3   236.6      154    9.6   246.5
 21   11.8   185.2       88    9.9   242.9      155    9.8   246.4
 22   12.9   194.0       89    9.8   244.0      156    9.9   245.7
 23   13.8   202.8       90    9.7   243.7      157   10.0   245.1
 24   14.3   209.8       91    9.3   242.5      158    9.9   245.7
 25   14.6   218.2       92    8.9   239.6      159    9.6   247.3
 26   14.5   219.2       93    8.6   237.5      160    9.4   248.7
 27   14.4   223.4       94    8.5   236.3      161    9.4   249.2
 28   14.0   230.2       95    8.5   235.9      162    9.4   248.5
 29   13.4   234.7       96    8.8   236.9      163    9.5   247.0
 30   13.0   236.6       97    9.5   239.7      164    9.7   244.6
 31   13.1   239.2       98    9.9   239.7      165    9.9   240.9
 32   13.1   247.0       99   10.2   239.5      166    9.8   239.3
 33   12.1   259.5      100   10.4   240.4      167    9.6   238.9
 34   11.3   267.4      101   10.4   242.0      168    9.4   239.7
 35    9.9   277.1      102   10.3   244.0      169    9.1   241.5
 36    8.4   286.2      103   10.1   246.0      170    8.9   243.0
 37    8.2   288.0      104    9.9   247.4      171    8.9   243.4
 38    8.0   289.8      105    9.7   247.8      172    9.1   244.3
 39    7.7   291.7      106    9.2   245.7      173    9.5   243.9
 40    7.0   295.5      107    8.9   243.1      174    9.9   242.1
 41    6.0   300.7      108    8.6   240.8      175   10.0   242.5
 42    5.0   306.6      109    8.4   238.2      176    9.6   246.0
 43    3.8   315.8      110    8.3   236.9      177   10.0   244.1
 44    2.6   329.0      111    8.4   236.1      178   10.4   241.6
 45    1.5   356.6      112    8.8   236.3      179   10.3   240.9
 46    1.5    80.1      113    8.9   238.0      180   10.1   240.4
 47    3.9   126.6      114    8.8   239.7      181   10.0   239.2
 48    6.1   143.9      115    8.7   240.7      182    9.8   237.8
 49    7.9   158.7      116    9.0   242.5      183    9.6   237.8
 50    9.5   170.3      117    9.4   245.0      184    9.4   239.2
 51   10.7   176.7      118    9.8   247.0      185    9.3   241.1
 52   11.5   180.5      119   10.0   248.0      186    9.1   243.1
 53   12.4   184.4      120   10.3   248.6      187    8.8   242.8
 54   12.4   188.5      121   10.4   248.0      188    8.7   241.8
 55   12.6   193.7      122   10.4   246.0      189    9.0   243.2
 56   13.3   204.8      123   10.3   243.6      190    9.2   242.3
 57 · 13.7   218.2      124   10.0   241.0      191    9.1   239.3
 58   13.4   219.4      125    9.7   238.9      192    9.1   237.7
 59   13.4   222.5      126    9.4   236.8      193    9.2   237.7
 60   13.4   226.3      127    9.2   235.4      194    9.6   239.7
 61   13.3   229.8      128    9.1   234.5      195   10.0   242.0
 62   13.0   234.1      129    8.9   234.6      196    9.9   243.0
 63   12.7   238.7      130    9.0   236.0      197    9.8   244.3
 64   12.2   243.0      131    9.1   238.3      198    9.6   244.3
 65   11.7   247.2      132    9.2   241.6      199    9.6   244.3
 66   11.2   250.2      133    9.4   244.0
```

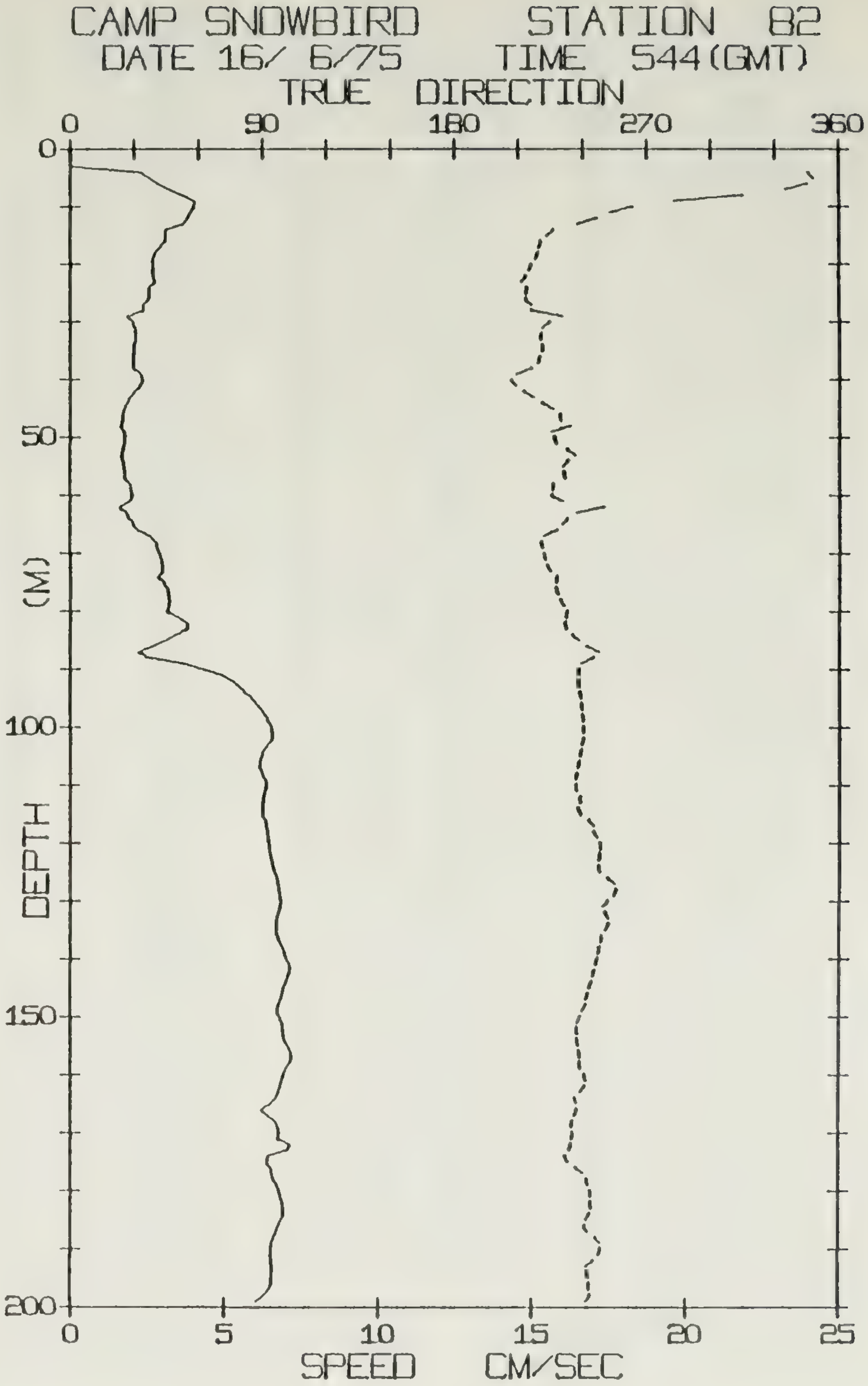

CAMP SNOWBIRD STATION 79
DATE 14/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 67
DATE 8/ 6/75 TIME 2114(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION  67     (190M )        8/JUN/75      2114 GMT
LAT= 76.3539N  LONG= 151 3217W  LTER=      0   LGER=     0.
NIVEL=  -6.6   EIVEL=  -1.0      NVER=      0   EVER=     0

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    3.4  222.4      134    4.8  203.6
  1    0.0  999.9       68    3.4  233.6      135    4.8  202.8
  2    0.0  999.9       69    3.6  248.4      136    4.8  201.9
  3    0.0  999.9       70    3.6  259.5      137    4.7  201.8
  4    6.8  196.0       71    3.1  268.6      138    4.7  201.8
  5    7.1  218.6       72    2.3  261.9      139    4.6  201.5
  6    4.3  234.0       73    2.0  244.8      140    4.5  200.5
  7    3.7  230.4       74    1.7  209.5      141    4.3  199.5
  8    3.7  225.7       75    2.3  190.8      142    4.3  200.0
  9    3.8  224.9       76    2.7  196.9      143    4.4  203.0
 10    3.7  227.6       77    2.9  209.8      144    4.4  208.6
 11    3.6  229.1       78    3.2  209.2      145    4.3  216.0
 12    3.1  228.0       79    3.2  200.3      146    4.3  222.4
 13    2.3  217.6       80    3.2  194.5      147    4.2  224.9
 14    2.1  200.3       81    2.7  191.9      148    3.7  225.6
 15    2.2  188.7       82    2.2  195.2      149    3.5  225.5
 16    2.1  180.8       83    1.9  203.5      150    3.6  227.1
 17    1.7  173.1       84    1.9  204.7      151    4.0  228.6
 18    1.9  172.8       85    2.2  207.7      152    3.6  226.6
 19    2.3  174.5       86    2.6  212.9      153    3.7  227.3
 20    2.3  174.8       87    2.6  208.7      154    3.9  228.0
 21    2.4  173.9       88    2.9  202.8      155    3.6  227.5
 22    2.5  173.3       89    3.3  196.9      156    3.2  220.5
 23    2.0  174.3       90    3.4  193.1      157    3.5  220.6
 24    1.7  177.9       91    3.7  192.7      158    3.4  212.8
 25    1.8  182.3       92    3.8  189.3      159    3.5  201.9
 26    1.9  187.5       93    4.0  187.7      160    3.8  108.6
 27    2.0  192.6       94    4.4  189.3      161    3.8  189.7
 28    2.0  196.9       95    4.7  190.7      162    4.5  199.6
 29    1.9  198.8       96    4.7  191.6      163    5.1  198.7
 30    1.9  187.7       97    4.7  193.2      164    5.0  197.3
 31    2.0  180.1       98    4.9  196.9      165    4.9  196.5
 32    2.2  177.6       99    5.0  198.7      166    4.9  196.4
 33    2.3  179.7      100    4.8  205.0      167    5.0  197.4
 34    2.3  185.5      101    4.6  208.6      168    4.5  201.7
 35    2.2  186.5      102    4.6  209.6      169    4.2  202.2
 36    2.1  187.8      103    4.5  209.9      170    4.1  203.3
 37    2.0  195.9      104    4.5  209.9      171    4.2  206.5
 38    2.0  203.1      105    4.3  210.0      172    4.3  210.6
 39    2.0  205.2      106    4.1  209.0      173    4.5  214.5
 40    1.8  203.0      107    3.9  207.8      174    4.4  215.6
 41    1.6  195.0      108    4.0  212.4      175    4.4  214.8
 42    1.5  189.9      109    4.2  216.6      176    4.0  208.5
 43    1.3  189.9      110    4.3  218.7      177    3.8  199.4
 44    1.3  191.7      111    4.4  218.7      178    4.0  181.6
 45    1.5  192.7      112    4.4  217.4      179    3.8  190.5
 46    1.8  203.9      113    4.4  215.2      180    4.1  202.6
 47    1.7  203.3      114    4.7  212.7      181    4.2  202.9
 48    1.6  191.1      115    5.1  210.8      182    4.2  198.5
 49    1.7  193.4      116    5.1  202.1      183    4.1  191.3
 50    1.7  204.9      117    5.0  201.0      184    4.0  190.8
 51    1.7  213.6      118    5.0  200.4      185    3.7  195.0
 52    1.8  207.1      119    4.9  199.9      186    3.5  201.9
 53    1.8  206.5      120    4.9  198.9      187    3.8  205.8
 54    1.7  215.1      121    4.9  197.7      188    4.1  206.0
 55    1.6  218.2      122    5.1  198.8      189    4.0  207.0
 56    1.4  164.6      123    5.3  199.7      190    3.9  208.9
 57    1.4  164.1      124    5.1  198.9      191    3.9  210.7
 58    1.4  179.0      125    5.0  198.6      192    3.9  213.5
 59    1.5  192.1      126    5.0  200.1      193    3.9  218.1
 60    1.2  199.2      127    4.9  202.8      194    4.2  219.4
 61    1.0  214.6      128    4.8  204.3      195    4.5  219.5
 62    1.3  212.9      129    4.9  203.6      196    4.1  216.1
 63    1.9  233.6      130    4.9  203.1      197    3.8  223.4
 64    2.5  226.9      131    5.0  202.4      198    4.1  226.1
 65    3.0  220.9      132    4.9  203.0
 66    3.3  218.5      133    4.8  203.7
```

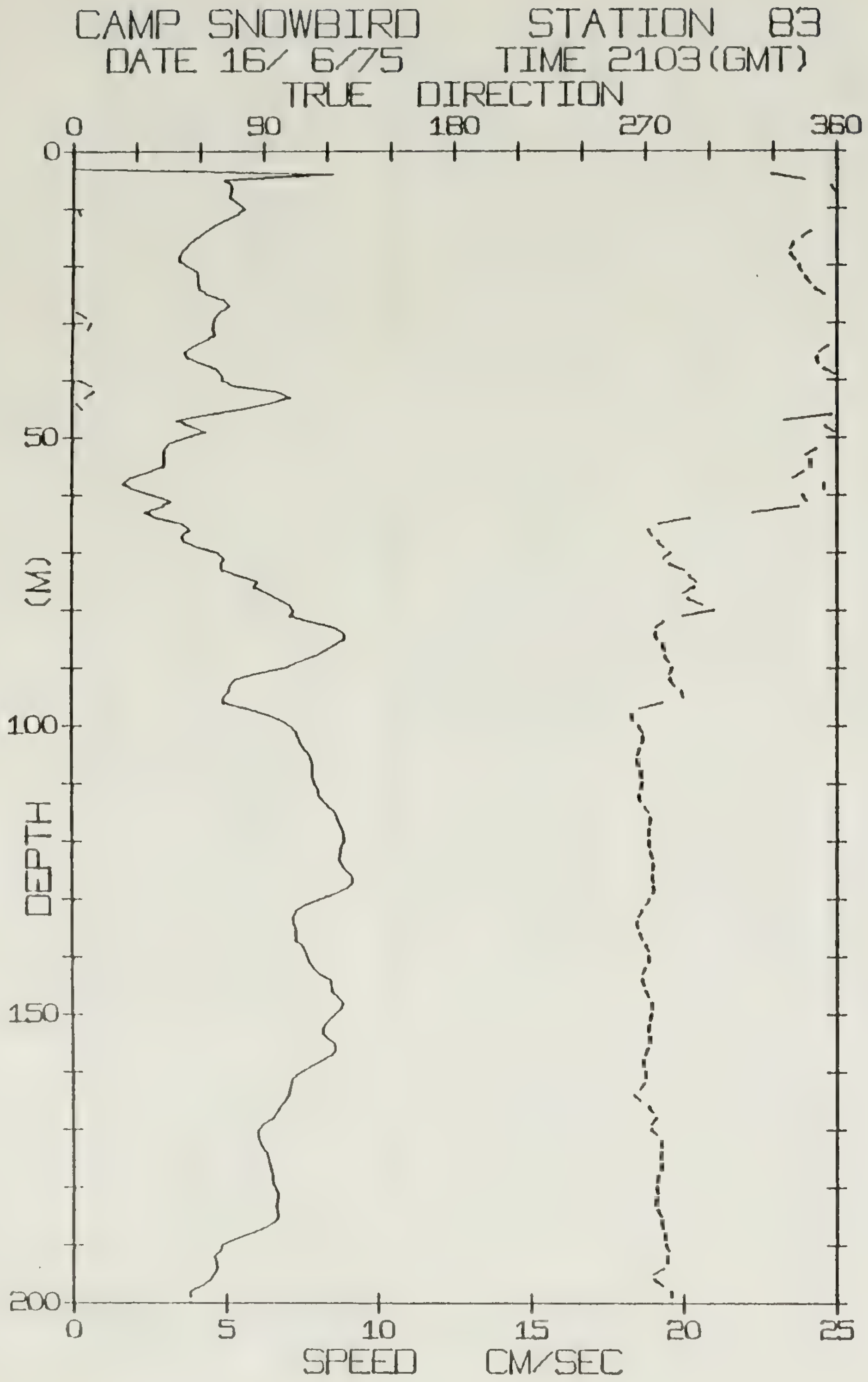
```
SNOWBIRD STATION  79     (198M. )       14/JUN/75     2043 GMT
LAT= 76.3307N  LONG= 151.4963W  LTER=      1   LGER=     2.
NIVEL=   3.1   EIVEL=  -2.4      NVER=     0.   EVER=     0

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    1.9  215.0      134    2.6  258.2
  1    0.0  999.9       68    1.8  229.6      135    3.4  262.6
  2    0.0  999.9       69    1.8  246.2      136    3.0  253.5
  3    0.0  999.9       70    1.9  256.6      137    2.8  246.8
  4    3.8  352.3       71    1.9  257.8      138    2.8  244.1
  5    4.7    9.5       72    2.0  261.2      139    3.2  250.2
  6    4.8    5.7       73    2.1  267.3      140    2.8  249.8
  7    4.9    1.2       74    2.1  266.1      141    3.0  257.6
  8    4.9  357.9       75    2.2  259.0      142    3.4  267.9
  9    5.0  356.4       76    2.3  252.1      143    3.4  271.6
 10    5.1  355.9       77    2.4  250.4      144    2.9  271.0
 11    5.3  352.7       78    2.5  247.5      145    2.6  280.3
 12    5.4  348.8       79    2.6  244.4      146    2.6  286.2
 13    3.2   20.1       80    2.6  242.8      147    2.6  286.5
 14    1.3   29.1       81    2.6  244.8      148    2.5  285.1
 15    0.9   16.7       82    2.6  249.0      149    2.5  281.5
 16    0.7  354.4       83    2.6  251.1      150    2.5  276.5
 17    0.7  338.1       84    2.5  255.2      151    2.4  271.7
 18    0.6  323.5       85    2.5  258.1      152    2.5  269.8
 19    0.6  315.2       86    2.5  258.0      153    2.5  271.6
 20    0.5  304.9       87    2.5  256.2      154    2.5  271.0
 21    0.5  309.1       88    2.5  255.5      155    2.5  268.6
 22    0.5  333.7       89    2.6  249.6      156    2.5  263.1
 23    0.7  352.6       90    2.7  246.9      157    2.6  260.3
 24    0.8  357.2       91    2.7  245.5      158    2.7  259.5
 25    0.8  357.5       92    2.6  247.9      159    2.7  259.2
 26    0.7  355.3       93    2.5  252.9      160    2.6  261.8
 27    0.6  354.1       94    2.5  257.2      161    2.4  264.7
 28    0.6  356.9       95    2.5  253.2      162    2.1  272.1
 29    0.7    2.0       96    2.5  248.4      163    2.0  280.7
 30    0.6    3.9       97    2.5  247.0      164    1.9  282.7
 31    0.4  346.8       98    2.5  249.4      165    1.9  284.4
 32    0.5  352.4       99    2.5  248.0      166    1.9  285.0
 33    0.5  358.1      100    2.5  245.1      167    1.9  284.7
 34    0.6    1.6      101    2.5  241.5      168    1.9  281.7
 35    0.8    5.2      102    2.5  237.8      169    1.9  274.2
 36    0.9    8.5      103    2.4  233.8      170    2.0  272.1
 37    1.1   11.1      104    2.3  231.1      171    2.2  273.9
 38    1.2   11.5      105    2.3  230.7      172    2.3  274.9
 39    1.3   12.3      106    2.5  236.2      173    2.3  275.4
 40    1.3   14.8      107    2.5  239.4      174    2.3  278.2
 41    1.4   16.8      108    2.5  241.6      175    2.5  283.6
 42    1.4   18.2      109    2.7  244.4      176    2.6  288.5
 43    1.3   17.7      110    2.7  245.8      177    2.6  290.5
 44    1.1   15.9      111    2.6  245.5      178    2.6  292.4
 45    1.2   11.9      112    2.5  244.6      179    2.4  292.7
 46    1.2    6.8      113    2.5  243.6      180    2.2  291.6
 47    1.1    0.5      114    2.4  242.0      181    2.2  289.0
 48    1.0  350.8      115    2.3  244.1      182    2.2  284.4
 49    0.9  342.6      116    2.2  246.1      183    2.4  278.9
 50    0.9  338.4      117    2.3  247.6      184    2.6  276.2
 51    0.9  322.2      118    2.3  246.9      185    2.8  276.8
 52    0.7  310.7      119    2.4  246.3      186    2.9  279.8
 53    0.5  282.1      120    2.6  245.5      187    2.9  282.3
 54    0.5  246.3      121    2.6  242.5      188    2.8  201.3
 55    0.6  237.1      122    2.6  239.7      189    2.7  280.3
 56    0.7  229.2      123    2.7  240.1      190    2.5  278.8
 57    0.8  223.2      124    2.8  242.1      191    2.4  276.7
 58    1.0  210.5      125    3.4  249.5      192    2.2  274.2
 59    1.2  203.1      126    3.5  250.1      193    2.1  271.5
 60    1.4  201.2      127    3.1  245.5      194    2.1  279.9
 61    1.4  205.2      128    3.2  251.3      195    2.2  288.7
 62    1.4  211.8      129    3.7  260.5      196    2.2  286.8
 63    1.4  213.7      130    4.0  267.3      197    2.1  283.1
 64    1.6  209.8      131    3.4  260.2      198    2.1  283.1
 65    1.8  207.0      132    3.2  261.3
 66    1.9  208.4      133    2.5  259.0
```


CAMP SNOWBIRD STATION 80
DATE 15/ 6/75 TIME 558(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

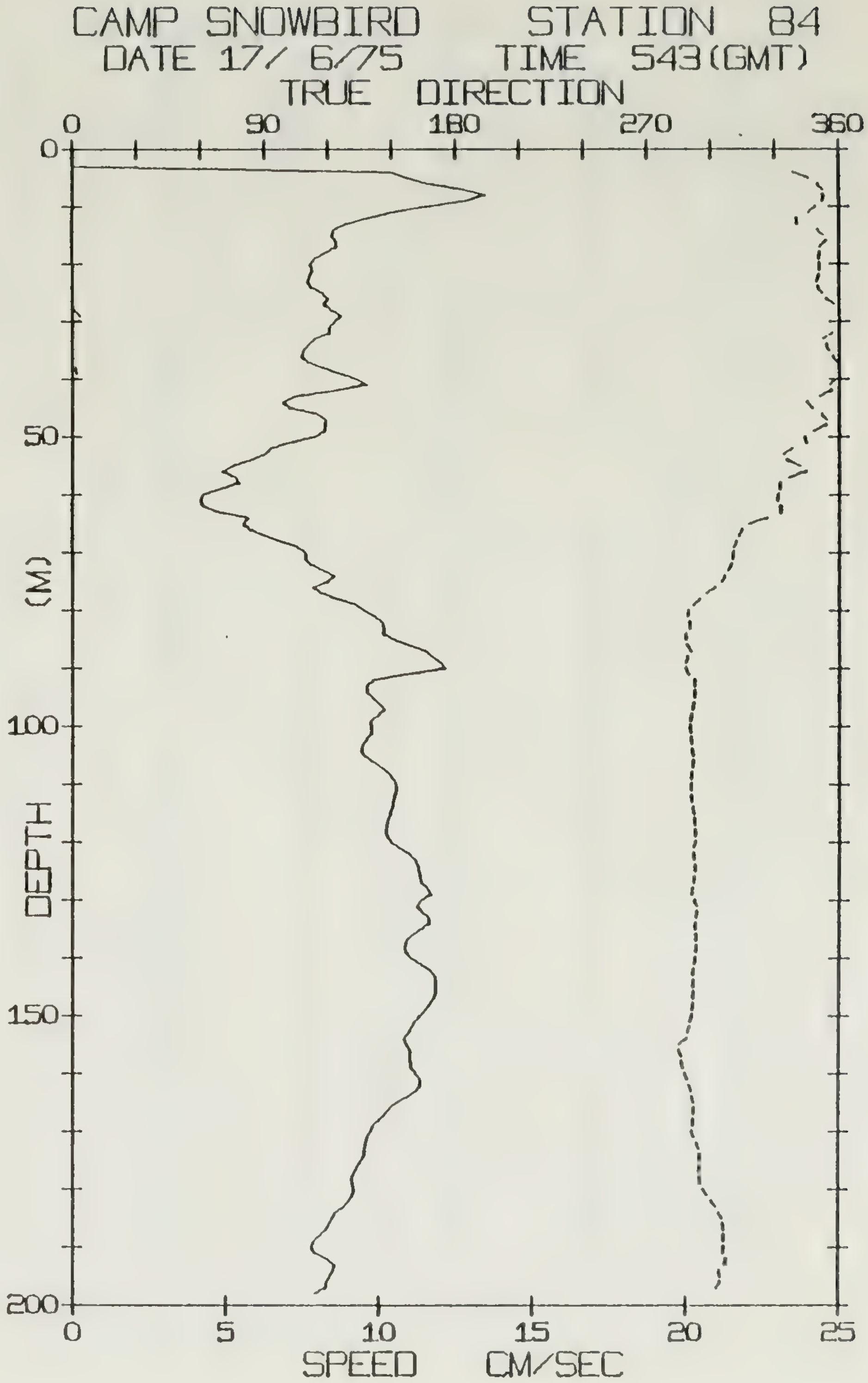

CAMP SNOWBIRD STATION 82
DATE 16/ 6/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  80     (198M )     15/JUN/75       558 GMT
LAT= 76.3428N  LONG= 151.5210W  LTER=    1   LCER=     1
NIVEL=   4.9   EIVEL=  -3.2     NVER=    0   EVER=     0

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0   999.9      67   1.2     2.4     134   4.4   262.2
  1    0.0   999.9      68   0.6    74.2     135   4.4   260.9
  2    0.0   999.9      69   0.8    85.7     136   4.4   260.3
  3    0.0   999.9      70   0.2   191.9     137   4.4   260.3
  4    6.0   319.3      71   0.7   261.6     138   4.4   258.8
  5    4.3   320.4      72   0.9   272.2     139   4.4   256.7
  6    4.1   332.7      73   1.1   277.2     140   4.5   254.9
  7    4.1   336.4      74   0.9   272.8     141   4.7   252.1
  8    4.0   335.8      75   1.0   267.5     142   4.6   252.2
  9    4.0   336.2      76   1.2   263.4     143   4.6   254.0
 10    4.1   337.2      77   2.0   268.1     144   4.7   257.5
 11    4.2   338.1      78   2.5   268.7     145   4.7   260.7
 12    4.2   337.7      79   2.5   263.5     146   4.7   261.7
 13    4.0   335.1      80   2.3   257.4     147   4.5   260.8
 14    3.9   332.8      81   1.9   249.3     148   4.4   258.3
 15    3.9   331.8      82   1.6   240.2     149   4.4   255.0
 16    3.9   331.4      83   1.6   239.0     150   4.4   251.8
 17    3.9   331.2      84   2.8   255.4     151   4.6   250.8
 18    3.9   330.9      85   2.9   253.1     152   4.7   252.1
 19    3.9   329.1      86   3.3   254.8     153   4.8   256.1
 20    3.9   327.2      87   3.6   256.3     154   4.8   259.3
 21    3.9   326.2      88   3.8   257.7     155   4.7   260.8
 22    3.8   325.0      89   4.0   259.2     156   4.5   258.7
 23    3.8   324.3      90   3.9   259.9     157   4.2   257.0
 24    3.8   323.7      91   3.8   260.2     158   3.9   255.8
 25    3.8   323.1      92   3.7   259.8     159   3.8   255.5
 26    3.8   322.5      93   3.5   258.9     160   3.8   255.4
 27    3.8   321.8      94   3.2   258.2     161   3.8   254.7
 28    3.9   321.1      95   2.8   262.8     162   3.7   254.7
 29    3.9   320.5      96   2.6   264.2     163   3.6   254.6
 30    3.9   320.2      97   2.5   262.4     164   3.6   253.6
 31    3.9   320.2      98   2.5   259.4     165   3.5   251.9
 32    3.9   320.3      99   2.6   256.0     166   3.2   250.4
 33    3.8   320.9     100   2.7   254.6     167   2.9   250.9
 34    3.8   321.6     101   2.7   252.7     168   2.6   253.9
 35    3.8   322.3     102   2.7   253.0     169   2.6   257.3
 36    3.8   323.0     103   2.8   255.7     170   2.7   257.8
 37    3.8   323.7     104   2.9   258.2     171   2.8   257.7
 38    3.8   324.5     105   3.1   259.3     172   3.1   253.6
 39    3.8   325.3     106   3.2   259.3     173   3.4   246.0
 40    3.8   326.2     107   3.3   258.0     174   3.6   246.4
 41    3.8   327.0     108   3.3   256.6     175   3.6   249.4
 42    3.8   327.5     109   3.4   255.6     176   3.5   254.3
 43    1.9   334.4     110   3.5   255.7     177   3.4   258.6
 44    1.8   334.7     111   3.5   254.1     178   3.2   263.6
 45    1.8   333.4     112   3.6   251.4     179   3.0   268.6
 46    1.8   331.0     113   3.6   251.3     180   2.9   270.7
 47    1.8   328.7     114   3.6   254.3     181   2.8   272.2
 48    1.9   326.3     115   3.5   255.4     182   2.7   273.9
 49    1.9   324.3     116   3.6   254.9     183   2.5   275.6
 50    1.9   322.1     117   3.6   254.5     184   2.4   276.5
 51    2.0   319.0     118   3.5   255.3     185   2.3   279.4
 52    2.0   316.1     119   3.5   257.3     186   2.2   283.8
 53    2.1   314.1     120   3.5   260.4     187   2.1   289.3
 54    2.1   312.4     121   3.5   263.3     188   2.2   292.7
 55    2.1   311.4     122   3.5   265.7     189   2.3   293.5
 56    2.1   312.5     123   3.5   267.1     190   2.3   292.7
 57    2.0   318.1     124   3.5   265.5     191   2.3   289.5
 58    1.8   324.6     125   3.5   259.4     192   2.3   283.4
 59    1.7   330.4     126   3.5   258.1     193   2.4   276.1
 60    1.8   332.2     127   3.5   257.4     194   2.4   269.7
 61    1.9   332.6     128   3.5   257.3     195   2.1   264.2
 62    2.0   333.8     129   3.5   257.9     196   1.5   257.0
 63    2.0   336.7     130   3.6   257.2     197   1.6   243.1
 64    2.0   339.5     131   3.8   258.4     198   1.6   243.1
 65    1.9   343.2     132   4.0   260.4
 66    1.8   344.5     133   4.2   262.0
```

```
SNOWBIRD STATION  82     (199M )     16/JUN/75       544 GMT
LAT= 76.3473N  LONG= 151.6157W  LTER=    0   LCER=     0.
NIVEL=  -0.3   EIVEL=  -1.5     NVER=    0   EVER=     0.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0   999.9      67   2.6   221.2     134   6.7   251.5
  1    0.0   999.9      68   2.8   220.4     135   6.7   250.1
  2    0.0   999.9      69   2.8   221.0     136   6.7   248.6
  3    0.0   999.9      70   2.9   221.5     137   6.8   247.8
  4    2.3   345.7      71   3.0   222.3     138   6.9   246.9
  5    2.6   348.0      72   3.0   223.3     139   7.0   246.7
  6    2.9   345.0      73   3.0   224.6     140   7.0   246.2
  7    3.2   335.1      74   2.9   227.4     141   7.1   245.6
  8    3.6   314.5      75   3.0   227.1     142   7.1   244.9
  9    4.0   282.8      76   3.2   227.3     143   7.0   244.1
 10    4.0   263.0      77   3.2   228.2     144   7.0   243.4
 11    3.9   252.9      78   3.2   229.3     145   6.9   242.6
 12    3.8   246.3      79   3.2   230.8     146   6.9   241.8
 13    3.6   237.7      80   3.1   232.4     147   6.8   241.1
 14    3.1   225.9      81   3.5   231.4     148   6.7   240.7
 15    3.1   223.3      82   3.8   231.1     149   6.7   239.4
 16    3.0   220.0      83   3.8   232.2     150   6.8   238.2
 17    2.9   219.1      84   3.5   234.9     151   6.9   237.2
 18    2.8   218.5      85   3.1   237.9     152   6.9   237.0
 19    2.7   217.6      86   2.7   241.7     153   6.9   237.3
 20    2.7   215.8      87   2.2   246.8     154   7.0   237.4
 21    2.7   214.6      88   2.5   244.5     155   7.1   237.7
 22    2.7   213.0      89   3.7   238.9     156   7.1   238.2
 23    2.8   211.4      90   4.3   237.8     157   7.2   238.5
 24    2.6   213.6      91   4.9   237.4     158   7.1   238.4
 25    2.6   213.2      92   5.2   237.7     159   7.0   238.6
 26    2.5   213.1      93   5.5   238.1     160   6.9   240.6
 27    2.4   215.8      94   5.7   238.5     161   6.8   241.3
 28    2.4   216.0      95   5.9   239.2     162   6.8   240.6
 29    1.9   230.0      96   6.1   239.4     163   6.7   238.7
 30    2.0   224.2      97   6.2   239.6     164   6.7   236.3
 31    2.1   221.0      98   6.4   239.9     165   6.5   237.1
 32    2.1   220.3      99   6.5   240.3     166   6.2   237.1
 33    2.1   220.3     100   6.5   240.4     167   6.4   236.0
 34    2.1   221.3     101   6.6   240.2     168   6.7   235.0
 35    2.0   220.7     102   6.5   239.8     169   6.7   234.5
 36    2.0   219.6     103   6.4   239.2     170   6.8   235.1
 37    2.0   218.8     104   6.3   238.8     171   6.7   234.6
 38    2.1   216.1     105   6.2   238.3     172   7.1   234.2
 39    2.3   209.3     106   6.1   237.8     173   7.1   233.3
 40    2.4   206.5     107   6.2   237.2     174   6.4   231.6
 41    2.2   208.6     108   6.2   236.7     175   6.4   233.0
 42    2.1   212.1     109   6.3   236.5     176   6.5   236.6
 43    1.9   216.7     110   6.4   236.5     177   6.6   239.8
 44    1.8   220.7     111   6.3   237.2     178   6.6   241.7
 45    1.7   225.6     112   6.3   238.5     179   6.7   242.5
 46    1.7   229.3     113   6.2   238.6     180   6.8   243.5
 47    1.7   229.5     114   6.2   237.7     181   6.8   243.8
 48    1.6   234.0     115   6.2   239.0     182   6.9   243.7
 49    1.8   225.4     116   6.3   242.5     183   6.9   243.9
 50    1.7   226.5     117   6.4   244.8     184   6.9   242.8
 51    1.7   227.5     118   6.4   245.4     185   6.8   241.5
 52    1.7   232.4     119   6.4   246.7     186   6.7   240.6
 53    1.6   236.0     120   6.5   248.0     187   6.7   241.9
 54    1.7   232.9     121   6.5   248.4     188   6.6   245.7
 55    1.8   230.4     122   6.5   247.8     189   6.5   248.0
 56    1.8   230.9     123   6.6   247.0     190   6.5   248.1
 57    1.8   231.6     124   6.6   247.1     191   6.5   247.2
 58    1.9   225.9     125   6.7   248.0     192   6.5   244.8
 59    2.0   225.3     126   6.7   251.3     193   6.5   241.9
 60    2.0   224.8     127   6.8   254.5     194   6.5   242.1
 61    1.9   229.9     128   6.8   255.4     195   6.5   242.9
 62    1.6   249.4     129   6.8   253.9     196   6.5   242.8
 63    1.8   237.2     130   6.8   251.3     197   6.4   243.0
 64    1.9   232.5     131   6.8   249.1     198   6.3   243.5
 65    2.1   229.9     132   6.8   250.5     199   6.0   241.6
 66    2.2   227.4     133   6.7   251.7
```



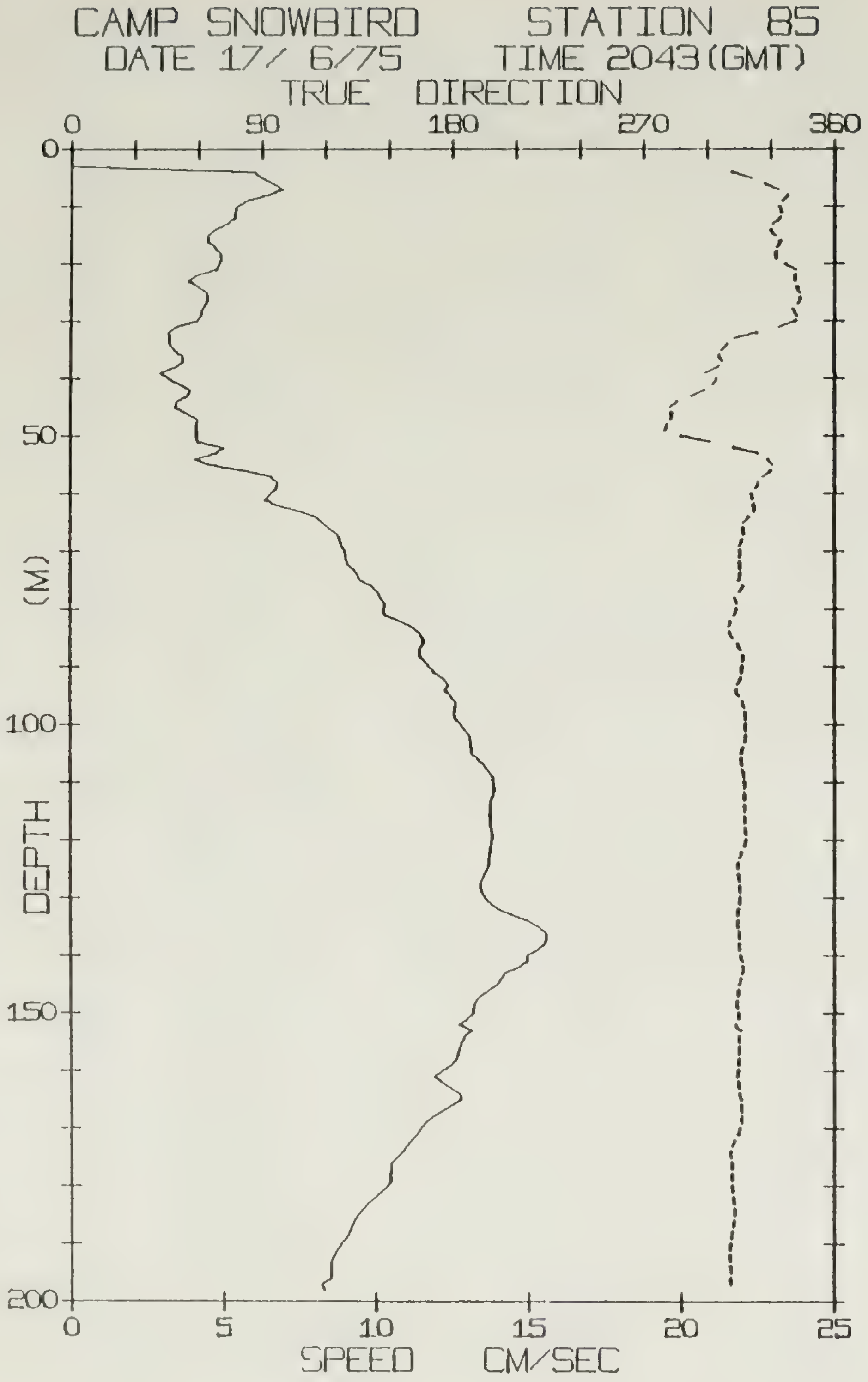
CAMP SNOWBIRD STATION 83
DATE 16/ 6/75 TIME 2103(GMT)

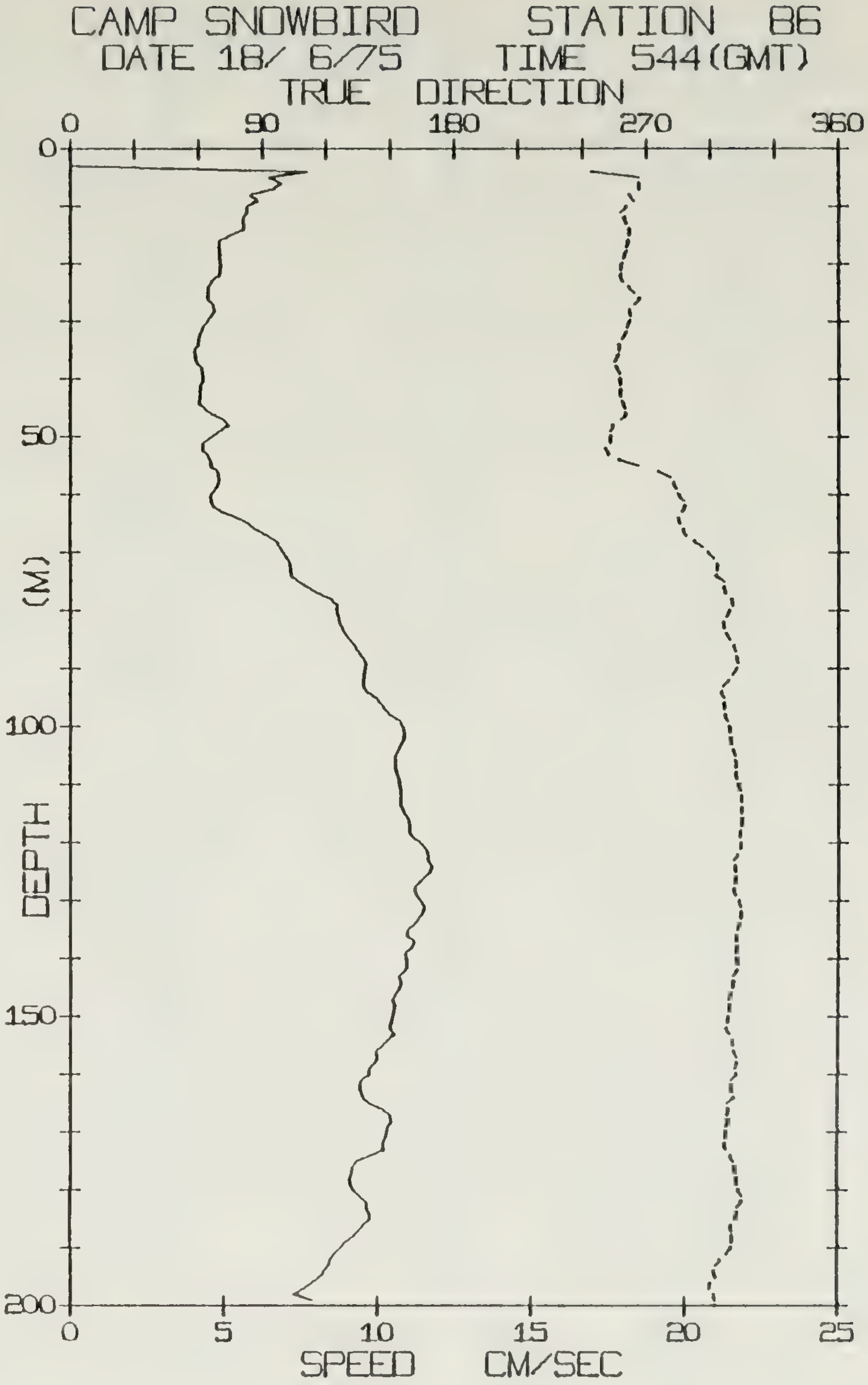


CAMP SNOWBIRD STATION 84
DATE 17/ 6/75 TIME 543(GMT)

```
SNOWBIRD STATION  83     (199M.)      16/JUN/75      2103 GMT
LAT= 76 3571N  LONG= 151.6700W  LTER=     6   LCER-    18
NIVEL=   8.2   EIVEL=  -7.3     NVER=     0   EVER=     1

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    3.6   273.2      134    7.2   265.9
  1    0.0   999.9       68    3.7   276.3      135    7.3   266.5
  2    0.0   999.9       69    4.1   278.5      136    7.3   267.6
  3    0.0   999.9       70    4.8   281.7      137    7.3   268.6
  4    8.5   329.5       71    5.0   278.7      138    7.5   270.2
  5    5.0   345.0       72    4.9   281.5      139    7.6   271.5
  6    5.2   357.5       73    4.9   288.1      140    7.7   271.0
  7    5.2   359.3       74    5.5   290.8      141    7.8   271.5
  8    5.1   359.5       75    6.1   293.8      142    7.9   269.8
  9    5.4     0.6       76    6.0   292.6      143    8.1   268.4
 10    5.6     2.3       77    6.4   287.9      144    8.5   268.7
 11    5.4     3.4       78    6.7   289.9      145    8.5   269.6
 12    5.0     0.1       79    7.1   296.8      146    8.5   270.5
 13    4.6   354.1       80    7.2   302.1      147    8.7   271.7
 14    4.4   347.6       81    7.1   287.7      148    8.9   273.0
 15    4.1   343.8       82    7.8   278.6      149    8.8   273.4
 16    3.8   339.7       83    8.6   275.0      150    8.6   272.7
 17    3.7   338.3       84    8.9   274.5      151    8.4   271.9
 18    3.5   338.7       85    8.9   275.7      152    8.2   271.4
 19    3.5   340.6       86    8.6   278.4      153    8.2   271.7
 20    3.7   342.5       87    8.3   279.4      154    8.3   272.2
 21    4.1   343.7       88    7.9   279.5      155    8.6   271.8
 22    4.1   345.5       89    7.4   281.6      156    8.6   270.8
 23    4.1   347.5       90    7.0   282.7      157    8.5   269.8
 24    4.2   349.8       91    6.0   281.6      158    8.2   268.8
 25    4.4   354.1       92    5.3   281.9      159    7.8   269.4
 26    4.9   358.1       93    5.2   283.7      160    7.5   270.1
 27    5.1     0.9       94    5.1   287.0      161    7.2   270.0
 28    4.8     1.7       95    5.0   288.0      162    7.1   269.0
 29    4.7     6.1       96    4.9   278.2      163    7.1   267.4
 30    4.6     8.3       97    5.7   267.2      164    7.0   264.8
 31    4.6     6.9       98    6.3   263.4      165    6.9   267.3
 32    4.7     2.3       99    6.8   264.3      166    6.8   271.6
 33    4.4   358.8      100    7.1   266.9      167    6.7   273.6
 34    4.0   355.7      101    7.3   268.7      168    6.6   274.8
 35    3.7   352.0      102    7.4   269.1      169    6.2   272.7
 36    3.8   350.5      103    7.5   268.3      170    6.1   272.8
 37    4.2   351.4      104    7.6   267.1      171    6.1   275.3
 38    4.7   354.1      105    7.8   266.1      172    6.1   277.6
 39    4.9   359.3      106    7.9   266.2      173    6.2   278.1
 40    4.9     3.4      107    7.9   267.2      174    6.3   277.3
 41    5.3     8.8      108    7.9   268.0      175    6.4   277.2
 42    6.7     9.6      109    7.9   268.7      176    6.5   277.9
 43    7.1     5.8      110    8.0   268.6      177    6.5   277.5
 44    6.5     2.1      111    8.1   267.3      178    6.5   276.1
 45    5.6     4.6      112    8.1   266.8      179    6.5   275.1
 46    4.4   357.3      113    8.2   267.8      180    6.6   275.6
 47    3.4   335.6      114    8.4   269.7      181    6.7   276.0
 48    3.9   354.7      115    8.6   271.6      182    6.7   275.2
 49    4.4   358.9      116    8.7   272.5      183    6.6   274.5
 50    3.7     1.2      117    8.8   271.8      184    6.7   276.0
 51    3.2   357.0      118    8.9   271.3      185    6.7   277.6
 52    3.0   350.0      119    8.9   271.4      186    6.6   278.0
 53    3.0   345.5      120    8.9   271.7      187    6.3   278.5
 54    3.0   347.7      121    8.8   272.1      188    5.8   279.4
 55    3.0   348.2      122    8.8   272.8      189    5.3   279.6
 56    2.5   344.2      123    8.7   273.5      190    4.9   279.9
 57    1.9   339.4      124    8.8   273.8      191    4.8   281.2
 58    1.7   353.9      125    9.0   273.4      192    4.6   280.3
 59    2.0   354.1      126    9.2   273.2      193    4.7   280.5
 60    2.6   344.3      127    9.2   273.8      194    4.7   278.5
 61    3.2   345.8      128    9.0   274.1      195    4.6   273.7
 62    3.0   342.0      129    8.6   273.4      196    4.5   274.2
 63    2.4   320.6      130    8.1   271.7      197    4.2   278.3
 64    2.8   291.0      131    7.6   270.1      198    3.8   282.0
 65    3.6   276.5      132    7.3   268.4      199    3.8   282.0
 66    3.9   271.6      133    7.2   266.9
```

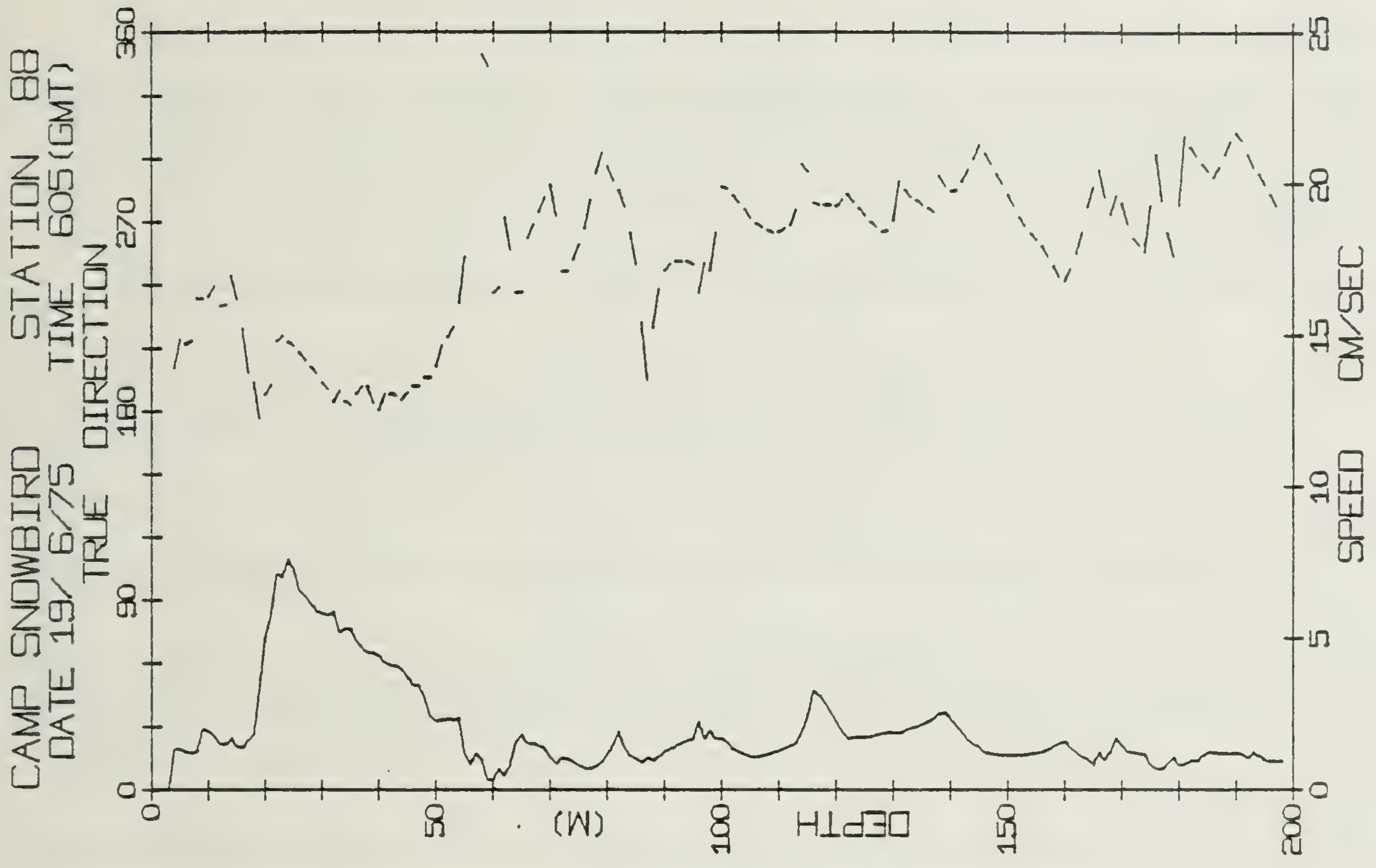
```
SNOWBIRD STATION  84     (198M.)      17/JUN/75       543 GMT
LAT= 76 3815N  LONG= 151.7836W  LTER=     1.  LCER=     2
NIVEL=   9.5   EIVEL= -13.3     NVER=     0   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6.2   312.8      134   11.6   292.5
  1    0.0   999.9       68    6.8   311.6      135   11.4   292.7
  2    0.0   999.9       69    7.3   310.6      136   11.1   292.9
  3    0.0   999.9       70    7.6   310.0      137   10.9   293.1
  4   10.4   330.7       71    7.6   309.8      138   10.8   293.0
  5   10.9   345.7       72    7.7   308.9      139   10.9   292.7
  6   11.6   350.3       73    8.1   307.8      140   11.0   292.4
  7   12.8   352.3       74    8.5   306.2      141   11.3   291.9
  8   13.5   353.0       75    8.3   304.8      142   11.6   291.5
  9   12.8   352.4       76    7.8   301.6      143   11.8   291.6
 10   11.5   349.3       77    8.1   297.8      144   11.8   291.8
 11   10.4   345.7       78    8.6   294.6      145   11.8   291.9
 12    9.6   340.1       79    9.2   291.9      146   11.8   291.7
 13    8.9   340.3       80    9.5   289.1      147   11.8   291.6
 14    8.5   350.1       81    9.8   288.5      148   11.6   291.4
 15    8.5   352.8       82   10.1   289.6      149   11.5   291.0
 16    8.6   354.0       83   10.1   289.7      150   11.3   290.5
 17    8.6   351.3       84   10.1   288.1      151   11.2   289.9
 18    8.2   350.8       85   10.5   288.0      152   11.0   289.3
 19    7.9   350.5       86   11.0   288.9      153   10.9   288.6
 20    7.7   351.0       87   11.5   290.3      154   10.8   288.1
 21    7.8   350.7       88   11.7   288.8      155   10.9   285.0
 22    7.7   350.2       89   12.0   287.7      156   11.0   284.9
 23    7.6   349.3       90   12.2   287.9      157   11.0   285.9
 24    7.8   350.3       91   10.9   289.3      158   11.0   286.1
 25    8.1   352.1       92    9.8   292.2      159   11.0   286.9
 26    8.3   354.1       93    9.6   292.3      160   11.2   287.9
 27    8.2   358.1       94    9.6   292.3      161   11.3   288.9
 28    8.4     1.3       95    9.8   292.2      162   11.3   289.8
 29    8.8     3.6       96   10.0   291.7      163   11.2   290.8
 30    8.6     2.3       97   10.2   291.1      164   10.9   291.4
 31    8.4   359.6       98   10.0   290.2      165   10.6   291.9
 32    8.4   357.0       99    9.7   289.8      166   10.3   292.1
 33    7.9   352.8      100    9.7   290.0      167   10.2   291.8
 34    7.7   354.1      101    9.7   290.2      168   10.0   291.7
 35    7.5   355.5      102    9.6   290.5      169    9.8   291.8
 36    7.5   357.3      103    9.5   290.8      170    9.7   291.1
 37    7.6   359.1      104    9.4   291.2      171    9.6   292.3
 38    8.1     1.6      105    9.5   291.8      172    9.5   293.4
 39    8.7     2.2      106    9.8   291.6      173    9.5   294.4
 40    9.3   358.5      107   10.0   291.1      174    9.5   295.0
 41    9.6   356.1      108   10.3   290.5      175    9.4   294.6
 42    8.6   356.5      109   10.5   290.2      176    9.3   294.7
 43    7.3   350.9      110   10.6   290.1      177    9.2   294.8
 44    6.9   345.1      111   10.6   290.2      178    9.1   295.0
 45    7.1   347.4      112   10.5   290.6      179    9.1   295.4
 46    7.9   352.1      113   10.4   291.0      180    9.2   296.6
 47    8.2   354.2      114   10.4   291.5      181    9.1   298.5
 48    8.2   353.7      115   10.3   292.0      182    9.0   300.3
 49    8.2   348.3      116   10.3   292.2      183    8.8   302.5
 50    7.9   344.0      117   10.2   292.5      184    8.6   303.9
 51    7.1   344.8      118   10.2   292.8      185    8.4   305.3
 52    6.5   338.0      119   10.3   292.7      186    8.3   306.1
 53    6.3   333.9      120   10.4   292.4      187    8.2   306.1
 54    5.8   335.8      121   10.6   291.7      188    8.0   306.3
 55    5.2   341.5      122   11.0   291.8      189    7.8   306.2
 56    4.9   344.2      123   11.2   292.2      190    7.8   306.0
 57    5.3   336.8      124   11.3   292.8      191    7.9   305.7
 58    5.4   332.2      125   11.3   292.5      192    8.3   307.4
 59    4.8   332.4      126   11.3   292.1      193    8.5   306.4
 60    4.2   331.1      127   11.4   291.6      194    8.5   304.1
 61    4.2   331.1      128   11.6   290.8      195    8.4   304.3
 62    4.3   332.6      129   11.7   291.0      196    8.2   304.2
 63    4.8   332.6      130   11.4   292.4      197    8.2   302.6
 64    5.7   326.3      131   11.2   293.4      198    7.9   300.5
 65    5.6   317.6      132   11.4   293.2
 66    5.8   314.0      133   11.6   292.7
```

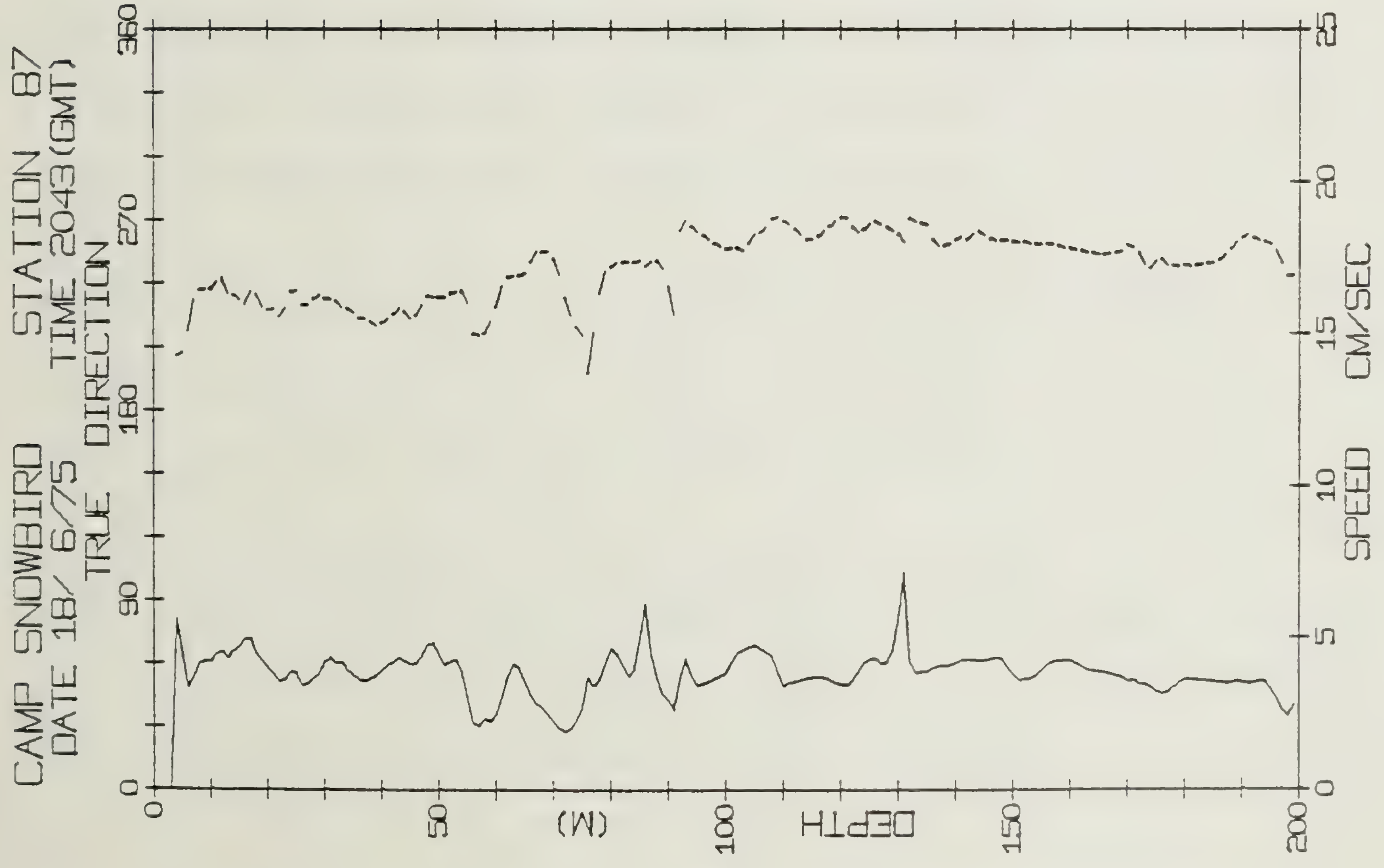

CAMP SNOWBIRD STATION 85
DATE 17/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 86
DATE 18/ 6/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION  85     (198M )     17/JUN/75      2043 GMT
LAT= 76.4107N  LONG- 152.0341W  LTER=     0   LGER=     1
NIVEL-   0.4   EIVEL=  -9.3     NVER=     0   EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    8.7   317.4     134   15.0   314.2
  1    0.0   999.9      68    8.8   316.3     135   15.3   314.8
  2    0.0   999.9      69    8.9   315.3     136   15.6   315.4
  3    0.0   999.9      70    9.0   315.8     137   15.6   315.4
  4    6.0   311.7      71    9.0   315.3     138   15.5   315.2
  5    6.2   320.5      72    9.1   315.4     139   15.3   315.2
  6    6.6   327.2      73    9.3   315.6     140   15.0   315.9
  7    6.9   333.3      74    9.4   315.5     141   15.0   317.0
  8    6.5   338.0      75    9.5   314.7     142   14.7   317.1
  9    5.8   335.7      76    9.9   316.7     143   14.2   316.5
 10    5.4   334.4      77   10.1   315.2     144   14.1   315.8
 11    5.4   335.3      78   10.2   313.3     145   14.0   315.1
 12    5.4   334.1      79   10.3   314.2     146   13.7   314.9
 13    5.1   331.1      80   10.3   313.7     147   13.4   314.5
 14    4.7   329.6      81   10.3   312.7     148   13.3   313.9
 15    4.5   332.0      82   10.8   311.1     149   13.2   314.6
 16    4.5   334.4      83   11.2   310.0     150   13.2   315.2
 17    4.7   333.1      84   11.4   310.7     151   13.0   314.4
 18    4.9   332.3      85   11.6   312.2     152   12.7   313.6
 19    4.9   332.7      86   11.6   314.2     153   13.1   316.0
 20    4.8   337.0      87   11.4   315.8     154   12.9   315.3
 21    4.8   341.5      88   11.5   316.7     155   12.8   315.3
 22    4.1   341.6      89   11.6   316.6     156   12.7   315.2
 23    3.8   341.4      90   11.8   316.3     157   12.7   314.9
 24    4.2   342.5      91   11.9   316.2     158   12.6   314.7
 25    4.4   343.7      92   12.2   315.6     159   12.5   314.7
 26    4.5   343.9      93   12.4   314.1     160   12.2   314.5
 27    4.4   342.6      94   12.3   313.6     161   11.9   314.3
 28    4.3   340.9      95   12.4   314.9     162   12.2   315.0
 29    4.3   342.1      96   12.6   316.5     163   12.4   315.4
 30    4.1   341.6      97   12.6   317.4     164   12.7   315.8
 31    3.5   334.2      98   12.6   318.0     165   12.8   316.3
 32    3.2   323.0      99   12.6   318.2     166   12.5   316.5
 33    3.2   312.9     100   12.8   318.1     167   12.2   316.6
 34    3.2   309.3     101   12.9   318.1     168   11.9   316.6
 35    3.4   306.8     102   13.1   318.1     169   11.6   316.3
 36    3.6   305.5     103   13.1   317.8     170   11.5   315.5
 37    3.7   307.0     104   13.1   316.6     171   11.4   314.6
 38    3.4   305.0     105   13.2   315.8     172   11.2   313.3
 39    2.9   299.3     106   13.4   316.1     173   11.0   311.9
 40    3.2   304.4     107   13.6   316.5     174   10.9   311.0
 41    3.6   303.0     108   13.7   317.1     175   10.7   311.6
 42    3.9   298.6     109   13.8   317.7     176   10.5   312.0
 43    3.8   292.7     110   13.9   317.8     177   10.5   312.1
 44    3.5   285.7     111   13.9   317.9     178   10.5   312.1
 45    3.4   282.4     112   13.8   317.8     179   10.5   312.2
 46    3.8   283.4     113   13.8   317.6     180   10.4   312.0
 47    4.1   282.9     114   13.7   317.7     181   10.2   312.4
 48    4.1   281.2     115   13.8   317.8     182   10.0   312.8
 49    4.1   280.0     116   13.8   318.0     183    9.7   313.1
 50    4.1   287.9     117   13.8   318.2     184    9.6   313.1
 51    4.2   301.0     118   13.8   318.4     185    9.4   313.0
 52    5.0   312.0     119   13.8   318.6     186    9.3   312.8
 53    4.8   323.5     120   13.8   318.4     187    9.2   312.2
 54    4.1   328.8     121   13.8   317.4     188    9.1   311.6
 55    4.6   330.8     122   13.7   316.4     189    9.0   311.1
 56    5.7   329.8     123   13.7   315.2     190    8.8   310.6
 57    6.6   326.2     124   13.7   314.5     191    8.7   310.8
 58    6.8   324.2     125   13.6   314.8     192    8.6   311.0
 59    6.8   322.8     126   13.5   315.2     193    8.5   311.3
 60    6.6   321.1     127   13.5   315.5     194    8.5   311.3
 61    6.4   321.4     128   13.4   315.6     195    8.5   311.4
 62    6.7   322.1     129   13.5   315.7     196    8.5   311.0
 63    7.5   322.1     130   13.6   315.5     197    8.2   311.3
 64    8.0   319.7     131   13.8   315.3     198    8.3   313.0
 65    8.3   317.2     132   14.0   314.5
 66    8.5   315.9     133   14.5   314.3
```

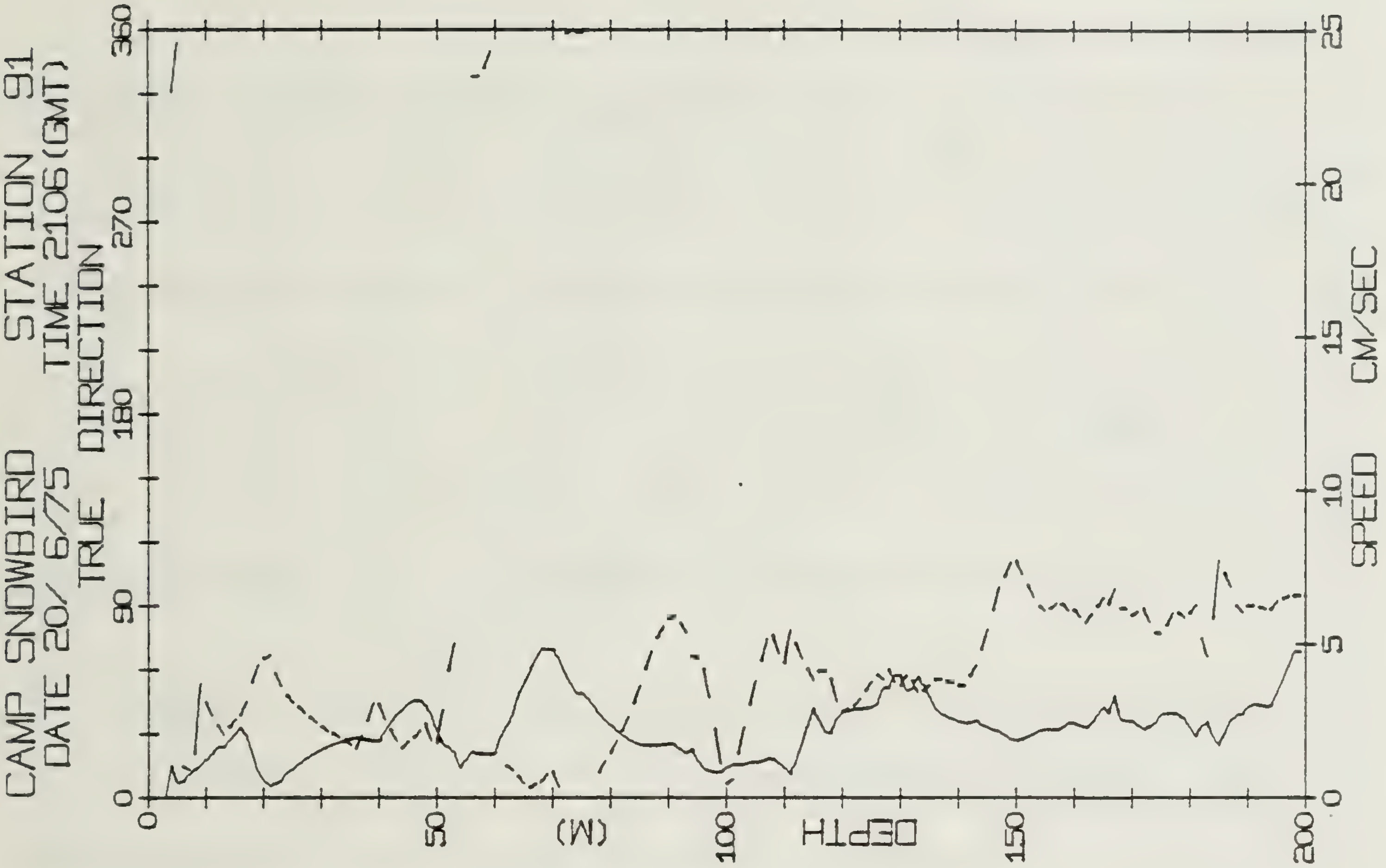
```
SNOWBIRD STATION  86     (199M.)     18/JUN/75       544 GMT
LAT= 76.4004N  LONG= 152.1359W  LTER=     1.  LGER=     2
NIVEL=  -6.6   EIVEL= -10.0     NVER=     0   EVER-     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    6.4   288.2     134   11.2   313.5
  1    0.0   999.9      68    6.7   292.2     135   11.0   312.6
  2    0.0   999.9      69    6.8   296.0     136   11.0   312.1
  3    0.0   999.9      70    6.9   299.0     137   11.2   312.5
  4    7.7   244.3      71    7.1   301.6     138   11.1   312.3
  5    6.5   266.5      72    7.1   303.0     139   10.9   311.9
  6    6.9   266.6      73    7.2   302.9     140   10.9   312.6
  7    6.6   266.5      74    7.2   302.6     141   11.0   313.2
  8    5.8   262.1      75    7.4   306.2     142   10.9   312.3
  9    6.1   264.0      76    7.7   306.5     143   10.7   310.4
 10    5.7   260.5      77    8.0   307.1     144   10.8   310.7
 11    5.7   257.9      78    8.5   309.9     145   10.7   310.3
 12    5.6   259.4      79    8.7   310.4     146   10.6   309.4
 13    5.6   260.7      80    8.7   308.7     147   10.5   308.5
 14    5.6   261.9      81    8.7   307.3     148   10.6   309.1
 15    5.2   261.9      82    8.8   306.1     149   10.5   308.8
 16    4.8   261.2      83    8.9   306.1     150   10.5   308.3
 17    4.8   260.6      84    9.0   307.6     151   10.4   307.8
 18    4.9   259.7      85    9.1   309.1     152   10.4   307.4
 19    4.9   258.8      86    9.2   310.6     153   10.6   309.1
 20    4.9   257.9      87    9.4   311.5     154   10.3   310.6
 21    4.9   257.5      88    9.5   312.4     155   10.1   310.8
 22    4.8   257.3      89    9.6   312.9     156    9.9   311.2
 23    4.6   258.8      90    9.6   311.8     157   10.0   312.6
 24    4.5   261.7      91    9.5   310.3     158    9.9   312.3
 25    4.5   264.1      92    9.5   308.3     159    9.7   311.4
 26    4.5   266.9      93    9.5   305.8     160    9.7   312.4
 27    4.6   264.5      94    9.6   304.8     161    9.5   309.8
 28    4.7   262.2      95    9.9   306.1     162    9.4   309.5
 29    4.6   262.5      96   10.1   306.4     163    9.5   310.5
 30    4.5   261.8      97   10.2   306.1     164    9.5   311.2
 31    4.3   260.8      98   10.4   306.6     165    9.7   308.1
 32    4.2   259.7      99   10.7   308.1     166   10.2   308.7
 33    4.2   258.3     100   10.8   308.9     167   10.4   307.8
 34    4.1   257.0     101   10.9   309.0     168   10.5   308.5
 35    4.0   256.6     102   10.8   309.3     169   10.3   307.3
 36    4.1   256.0     103   10.7   310.1     170   10.3   307.3
 37    4.1   254.8     104   10.7   310.8     171   10.2   307.1
 38    4.3   256.0     105   10.6   311.6     172   10.1   306.4
 39    4.3   257.3     106   10.6   311.8     173   10.2   307.6
 40    4.3   257.7     107   10.6   311.7     174    9.8   309.6
 41    4.2   257.9     108   10.6   311.7     175    9.3   310.8
 42    4.2   257.6     109   10.7   312.4     176    9.2   311.7
 43    4.2   257.4     110   10.7   313.3     177    9.1   312.3
 44    4.2   258.7     111   10.8   314.1     178    9.1   312.6
 45    4.3   259.7     112   10.7   314.5     179    9.1   312.9
 46    4.6   260.0     113   10.7   314.6     180    9.2   313.5
 47    5.0   258.1     114   10.8   314.5     181    9.4   314.9
 48    5.2   254.1     115   10.9   314.5     182    9.6   314.6
 49    4.9   253.0     116   11.0   314.7     183    9.6   312.7
 50    4.6   252.8     117   11.1   314.3     184    9.7   312.6
 51    4.3   252.6     118   11.0   313.7     185    9.7   311.7
 52    4.3   250.5     119   11.1   313.9     186    9.5   309.8
 53    4.5   252.1     120   11.4   314.4     187    9.4   310.2
 54    4.6   256.6     121   11.6   313.9     188    9.2   310.6
 55    4.6   266.0     122   11.6   312.8     189    9.0   310.4
 56    4.8   275.4     123   11.6   311.0     190    8.8   309.5
 57    4.8   280.7     124   11.8   311.6     191    8.6   307.6
 58    4.8   282.6     125   11.7   311.9     192    8.5   304.8
 59    4.7   284.0     126   11.5   311.5     193    8.4   302.9
 60    4.6   285.0     127   11.3   311.1     194    8.2   302.0
 61    4.6   287.1     128   11.2   310.8     195    8.1   302.9
 62    4.7   287.7     129   11.3   311.9     196    7.9   300.1
 63    4.9   286.3     130   11.4   313.3     197    7.6   299.7
 64    5.4   284.7     131   11.5   314.4     198    7.3   301.9
 65    5.8   285.4     132   11.5   314.3     199    7.9   302.7
 66    6.0   286.8     133   11.3   314.0
```

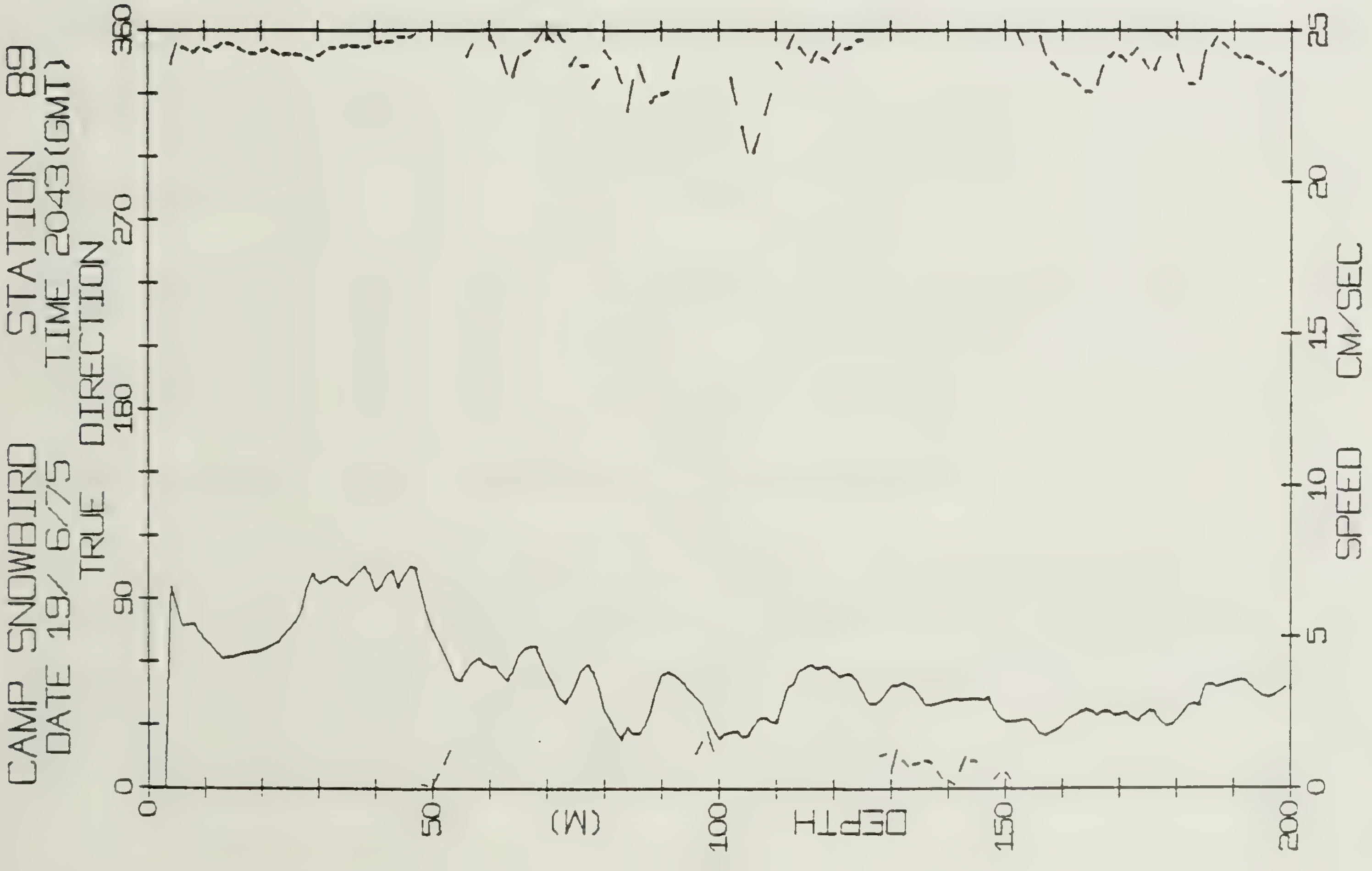

CAMP SNOWBIRD STATION 88
DATE 19/ 6/75 TIME 605(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 87
DATE 18/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION  87     (199M )     18/JUN/75      2043 GMT
LAT= 76 3602N  LONG  152.2480W  LTER=      1   LGER=     2.
NIVEL=  -0.2   EIVEL=  -4.8     NVER=      0   EVER=     0.

DPT    SPD    DRN      DPT   SPD    DRN     DPT   SPD    DRN
  0    0.0   999.9      67   2.8   254.9    134   3.9   268.3
  1    0.0   999.9      68   2.7   255.3    135   3.9   267.6
  2    0.0   999.9      69   2.5   255.1    136   4.0   260.8
  3    0.0   999.9      70   2.3   252.1    137   4.1   258.0
  4    5.6   205.9      71   2.0   244.5    138   4.1   258.0
  5    4.5   207.3      72   1.9   233.3    139   4.1   259.0
  6    3.4   217.7      73   2.0   225.3    140   4.2   260.7
  7    3.7   232.0      74   2.3   219.7    141   4.3   262.3
  8    4.2   236.6      75   2.7   215.5    142   4.3   261.1
  9    4.2   237.4      76   3.7   197.8    143   4.3   263.4
 10    4.2   237.6      77   3.4   216.4    144   4.2   264.6
 11    4.5   240.4      78   3.6   235.0    145   4.3   262.8
 12    4.6   241.9      79   4.1   245.6    146   4.3   261.5
 13    4.3   235.4      80   4.6   248.1    147   4.3   260.2
 14    4.6   234.5      81   4.5   250.0    148   4.3   260.6
 15    4.7   232.5      82   4.2   250.5    149   4.0   260.3
 16    4.9   230.4      83   3.8   250.3    150   3.8   259.6
 17    5.0   236.0      84   3.9   250.4    151   3.6   259.1
 18    4.5   234.7      85   4.9   251.1    152   3.6   259.6
 19    4.2   229.0      86   6.1   248.5    153   3.7   258.8
 20    4.0   227.8      87   4.5   250.4    154   3.8   258.4
 21    3.8   220.0      88   3.7   251.0    155   3.9   258.7
 22    3.6   224.3      89   3.1   247.4    156   4.1   258.7
 23    3.6   228.0      90   2.9   238.7    157   4.2   258.5
 24    3.9   235.7      91   2.6   225.4    158   4.2   257.6
 25    3.8   236.7      92   3.6   265.1    159   4.2   256.7
 26    3.5   229.9      93   4.3   269.8    160   4.2   256.4
 27    3.5   229.7      94   3.8   267.3    161   4.1   255.9
 28    3.7   232.7      95   3.5   264.5    162   4.0   255.3
 29    3.8   234.1      96   3.5   263.0    163   3.9   254.6
 30    4.2   232.8      97   3.6   261.0    164   3.9   254.2
 31    4.3   232.5      98   3.7   259.3    165   3.9   253.9
 32    4.2   231.5      99   3.8   257.6    166   3.8   254.1
 33    4.2   228.8     100   3.9   256.4    167   3.8   254.6
 34    4.0   228.0     101   4.2   256.9    168   3.7   255.0
 35    3.8   226.3     102   4.5   256.7    169   3.7   255.5
 36    3.6   224.0     103   4.6   255.6    170   3.6   258.1
 37    3.6   223.2     104   4.7   259.1    171   3.6   256.9
 38    3.7   221.7     105   4.8   263.1    172   3.5   254.7
 39    3.8   220.3     106   4.6   264.3    173   3.5   249.3
 40    3.9   221.3     107   4.5   266.6    174   3.4   247.4
 41    4.1   223.1     108   4.4   270.5    175   3.2   250.6
 42    4.2   225.5     109   3.9   271.6    176   3.1   251.5
 43    4.3   228.0     110   3.4   269.8    177   3.2   248.9
 44    4.2   226.5     111   3.5   268.1    178   3.4   248.4
 45    4.1   223.6     112   3.6   265.7    179   3.5   248.1
 46    4.2   224.9     113   3.6   263.3    180   3.6   248.9
 47    4.4   229.6     114   3.7   261.0    181   3.6   248.2
 48    4.8   234.1     115   3.7   260.7    182   3.6   248.8
 49    4.8   233.4     116   3.7   262.3    183   3.6   249.3
 50    4.5   233.6     117   3.7   264.7    184   3.6   249.6
 51    4.1   233.4     118   3.6   267.0    185   3.6   250.0
 52    4.2   235.3     119   3.5   269.2    186   3.5   251.3
 53    4.3   236.3     120   3.5   271.2    187   3.5   253.5
 54    3.9   236.7     121   3.5   270.6    188   3.5   256.5
 55    3.1   231.0     122   3.6   266.8    189   3.6   259.4
 56    2.2   216.2     123   3.9   264.4    190   3.5   261.9
 57    2.1   215.3     124   4.2   265.6    191   3.5   263.5
 58    2.3   216.4     125   4.3   268.0    192   3.5   261.6
 59    2.3   221.9     126   4.3   269.1    193   3.6   260.2
 60    2.5   229.1     127   4.2   267.7    194   3.6   259.7
 61    3.0   238.5     128   4.2   266.3    195   3.3   258.5
 62    3.7   243.0     129   4.6   264.0    196   3.0   255.1
 63    4.1   243.6     130   5.6   263.4    197   2.6   249.4
 64    4.0   243.9     131   7.1   259.6    198   2.4   243.4
 65    3.6   245.1     132   4.3   270.7    199   2.7   243.9
 66    3.1   250.3     133   3.9   269.2
```

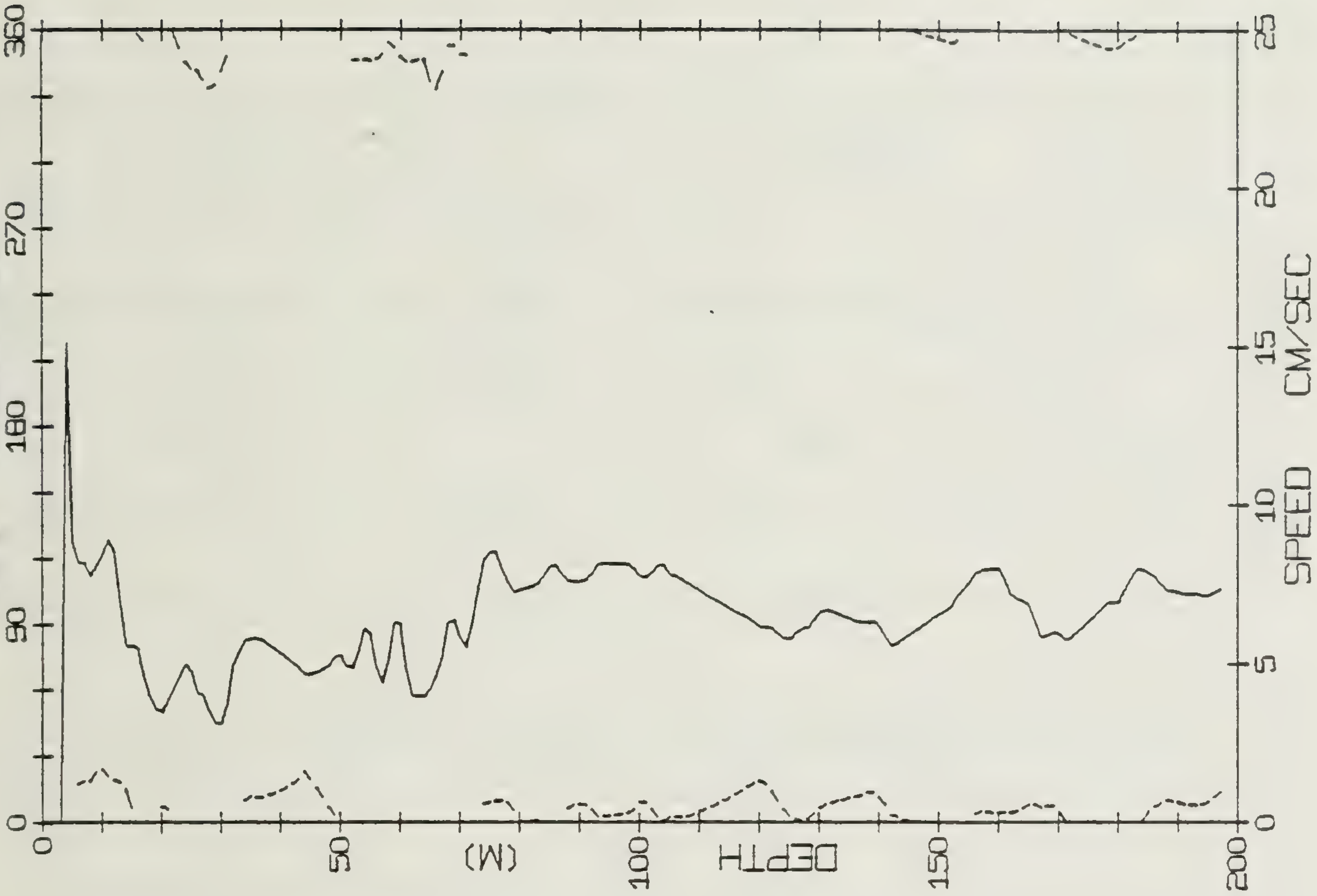
```
SNOWBIRD STATION  88     (198M.)     19/JUN/75       605 GMT
LAT= 76 3413N  LONG= 152.2775W  LTER=     0.   LGER=     0.
NIVEL=  -3.7   EIVEL=  -2.9     NVER=      0   EVER=     0.

DPT    SPD    DRN      DPT   SPD    DRN     DPT   SPD    DRN
  0    0.0   999.9      67   1.5   268.5    134   2.1   280.0
  1    0.0   999.9      68   1.4   274.7    135   2.2   278.2
  2    0.0   999.9      69   1.4   281.2    136   2.3   276.5
  3    0.0   999.9      70   1.1   287.1    137   2.4   274.6
  4    1.3   200.5      71   0.9   272.9    138   2.5   291.8
  5    1.3   213.7      72   1.0   246.4    139   2.6   287.1
  6    1.2   212.2      73   1.0   246.4    140   2.3   284.7
  7    1.2   213.5      74   0.9   251.8    141   2.1   285.2
  8    1.3   233.4      75   0.8   258.8    142   1.9   289.1
  9    2.0   233.0      76   0.7   266.6    143   1.6   294.4
 10    1.9   235.0      77   0.7   280.0    144   1.5   300.0
 11    1.8   239.1      78   0.8   293.1    145   1.4   306.5
 12    1.5   229.9      79   0.9   302.4    146   1.2   302.3
 13    1.5   230.5      80   1.2   296.4    147   1.2   297.9
 14    1.7   244.1      81   1.5   289.7    148   1.2   293.0
 15    1.4   232.8      82   1.9   284.5    149   1.1   288.0
 16    1.4   219.3      83   1.4   277.3    150   1.1   282.8
 17    1.6   198.3      84   1.1   264.7    151   1.1   277.7
 18    1.8   193.5      85   1.0   249.5    152   1.2   272.1
 19    3.4   176.4      86   0.9   221.8    153   1.2   268.3
 20    5.1   187.9      87   1.1   194.8    154   1.2   264.6
 21    5.7   192.1      88   1.0   219.6    155   1.2   261.4
 22    7.1   213.3      89   1.1   237.7    156   1.3   258.5
 23    7.0   215.6      90   1.3   246.9    157   1.3   253.5
 24    7.6   212.9      91   1.4   249.8    158   1.4   248.8
 25    7.3   211.1      92   1.5   251.0    159   1.5   244.0
 26    6.6   207.8      93   1.6   251.0    160   1.6   242.0
 27    6.4   204.2      94   1.6   250.8    161   1.4   247.5
 28    6.1   200.6      95   1.7   249.4    162   1.2   254.9
 29    5.9   197.9      96   2.2   236.2    163   1.1   264.9
 30    5.8   193.4      97   1.7   250.0    164   1.0   277.1
 31    5.8   190.7      98   1.9   246.9    165   0.8   286.3
 32    5.9   184.8      99   1.7   264.7    166   1.2   294.4
 33    5.2   189.2     100   1.7   286.4    167   1.0   281.9
 34    5.3   184.4     101   1.6   285.2    168   1.2   273.8
 35    5.3   182.9     102   1.3   282.3    169   1.7   282.1
 36    4.9   188.2     103   1.3   279.2    170   1.5   278.7
 37    4.7   191.4     104   1.2   276.1    171   1.3   269.3
 38    4.5   191.8     105   1.1   271.9    172   1.2   262.2
 39    4.5   183.8     106   1.1   269.1    173   1.2   259.0
 40    4.4   181.0     107   1.1   267.5    174   1.2   255.8
 41    4.2   187.7     108   1.2   266.0    175   0.8   277.4
 42    4.1   188.4     109   1.2   264.7    176   0.7   302.1
 43    4.1   187.3     110   1.3   265.2    177   0.7   280.3
 44    4.0   185.7     111   1.4   266.9    178   0.9   264.9
 45    3.7   188.8     112   1.5   268.4    179   1.1   253.8
 46    3.5   191.7     113   1.6   275.9    180   0.8   277.9
 47    3.4   191.8     114   1.9   297.2    181   0.9   310.8
 48    3.1   195.5     115   2.4   294.0    182   1.0   305.7
 49    2.4   195.9     116   3.2   278.7    183   1.0   301.6
 50    2.3   201.1     117   3.1   277.8    184   1.1   297.6
 51    2.3   210.9     118   2.9   277.9    185   1.2   294.4
 52    2.3   215.3     119   2.6   278.1    186   1.2   291.6
 53    2.3   219.7     120   2.3   277.5    187   1.2   295.9
 54    2.4   231.4     121   1.9   280.1    188   1.2   302.1
 55    1.2   252.9     122   1.7   282.8    189   1.2   300.3
 56    0.8   356.5     123   1.7   279.5    190   1.2   312.1
 57    1.2     4.7     124   1.7   276.5    191   1.2   308.9
 58    1.0   349.5     125   1.7   273.2    192   1.1   302.1
 59    0.4   344.0     126   1.8   270.0    193   1.2   296.3
 60    0.3   236.2     127   1.8   267.6    194   1.1   293.0
 61    0.7   238.5     128   1.9   265.5    195   1.0   288.0
 62    0.5   271.7     129   1.9   265.8    196   1.0   283.1
 63    0.8   256.4     130   1.9   270.7    197   1.0   277.9
 64    1.6   236.3     131   1.9   288.8    198   1.0   277.9
 65    1.8   236.4     132   2.0   285.1
 66    1.5   261.8     133   2.0   281.9
```

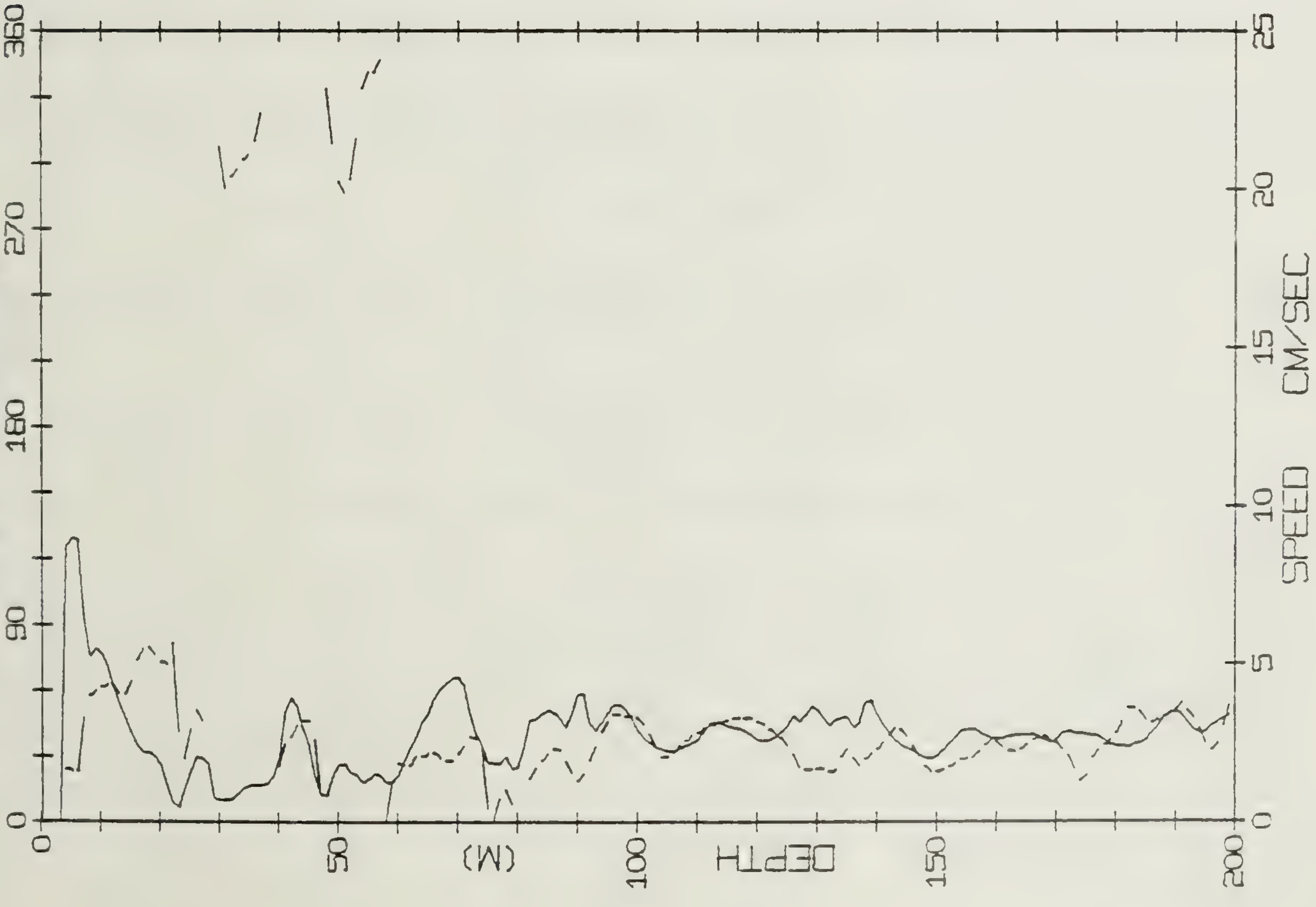

CAMP SNOWBIRD STATION 91
DATE 20/ 6/75 TIME 2106(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 89
DATE 19/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  89    (199M )     19/JUN/75     2043 GMT
LAT= 76.3451N  LONG- 152.3567W  LTER-     0   LGER=     0.
NIVEL=   5.4   EIVEL=   -7.4    NVER=     0   EVER-     0.

DPT    SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0    0.0   999.9     67   4.7   350.0    134   3.3    11.3
  1    0.0   999.9     68   4.7   354.7    135   3.0    12.2
  2    0.0   999.9     69   4.2   358.2    136   2.8    13.1
  3    0.0   999.9     70   3.8   357.8    137   2.7    12.0
  4    6.6   344.0     71   3.5   354.3    138   2.8     7.4
  5    6.0   353.1     72   3.0   357.9    139   2.9     4.6
  6    5.4   351.7     73   2.8   354.4    140   2.9     3.2
  7    5.4   350.5     74   3.0   343.4    141   2.9     1.7
  8    5.4   349.3     75   3.4   346.9    142   2.9     8.0
  9    5.1   351.8     76   3.9   342.9    143   2.9    14.5
 10    4.9   350.9     77   4.1   343.3    144   2.9    13.1
 11    4.7   349.4     78   3.9   332.7    145   2.9    12.3
 12    4.5   351.6     79   3.4   336.6    146   2.9    14.0
 13    4.3   353.6     80   2.6   349.9    147   3.0   359.8
 14    4.3   353.8     81   2.3   346.4    148   2.6     4.5
 15    4.3   352.6     82   1.9   342.5    149   2.3     6.9
 16    4.4   351.2     83   1.6   335.1    150   2.2     7.2
 17    4.4   349.6     84   2.0   321.6    151   2.2     4.2
 18    4.5   348.8     85   1.8   336.2    152   2.2   350.3
 19    4.5   340.4     86   1.8   343.0    153   2.3   353.0
 20    4.6   350.0     87   2.0   335.7    154   2.2   352.2
 21    4.6   351.3     88   2.5   325.6    155   2.1     2.0
 22    4.7   349.9     89   3.2   328.5    156   1.8   356.7
 23    4.8   348.4     90   3.8   329.6    157   1.7   348.4
 24    5.1   348.4     91   3.8   330.7    158   1.8   344.5
 25    5.3   348.4     92   3.8   337.6    159   1.9   341.7
 26    5.5   348.2     93   3.6   347.2    160   2.1   339.1
 27    5.8   347.9     94   3.4   355.7    161   2.3   338.3
 28    6.6   346.6     95   3.2     5.5    162   2.4   336.3
 29    7.1   345.3     96   3.0    16.5    163   2.5   333.6
 30    6.8   347.8     97   2.8    22.0    164   2.6   331.3
 31    6.8   349.7     98   2.4    26.7    165   2.5   330.4
 32    7.0   351.1     99   2.0    17.5    166   2.4   334.1
 33    7.0   351.3    100   1.7     2.8    167   2.5   342.8
 34    6.8   352.0    101   1.8   348.6    168   2.5   347.5
 35    6.7   352.5    102   1.9   337.3    169   2.4   349.3
 36    6.9   352.2    103   1.9   324.8    170   2.4   347.6
 37    7.1   351.9    104   1.7   313.9    171   2.5   345.4
 38    7.3   351.6    105   1.7   302.2    172   2.3   348.3
 39    7.1   352.3    106   2.0   301.9    173   2.2   351.3
 40    6.5   353.8    107   2.3   311.0    174   2.3   346.1
 41    6.6   354.3    108   2.3   320.0    175   2.5   341.8
 42    7.0   354.3    109   2.2   329.4    176   2.5   340.9
 43    7.2   354.6    110   2.1   344.4    177   2.2   347.1
 44    6.6   356.4    111   2.7   341.8    178   2.1   359.4
 45    7.0   356.4    112   3.3   351.6    179   2.1   356.4
 46    7.3   356.6    113   3.5   357.7    180   2.2   348.3
 47    7.3   358.2    114   3.9   351.6    181   2.4   340.4
 48    6.5     1.6    115   4.0   348.1    182   2.7   334.6
 49    5.8     0.6    116   4.1   345.2    183   2.8   334.2
 50    5.3     1.4    117   4.0   349.4    184   2.7   336.7
 51    4.9     6.2    118   4.0   346.6    185   3.4   350.4
 52    4.5    11.5    119   4.0   345.0    186   3.4   352.2
 53    4.1    17.3    120   3.8   349.0    187   3.3   356.5
 54    3.6     8.2    121   3.7   353.3    188   3.4   353.7
 55    3.5   356.1    122   3.8   351.1    189   3.5   351.1
 56    3.9   347.7    123   3.7   351.7    190   3.5   348.9
 57    4.2   352.7    124   3.6   354.9    191   3.6   346.9
 58    4.3   359.3    125   3.2   355.6    192   3.5   347.3
 59    4.1     2.2    126   2.8   354.8    193   3.4   346.2
 60    4.0   357.5    127   2.8     5.0    194   3.2   344.7
 61    4.0   351.8    128   2.9    15.3    195   3.0   343.6
 62    3.8   347.9    129   3.1    16.2    196   3.0   341.7
 63    3.6   339.4    130   3.4     7.0    197   3.0   339.6
 64    3.8   338.0    131   3.4    17.9    198   3.2   338.2
 65    4.4   347.3    132   3.5    12.0    199   3.3   340.0
 66    4.6   348.5    133   3.4    10.3
```

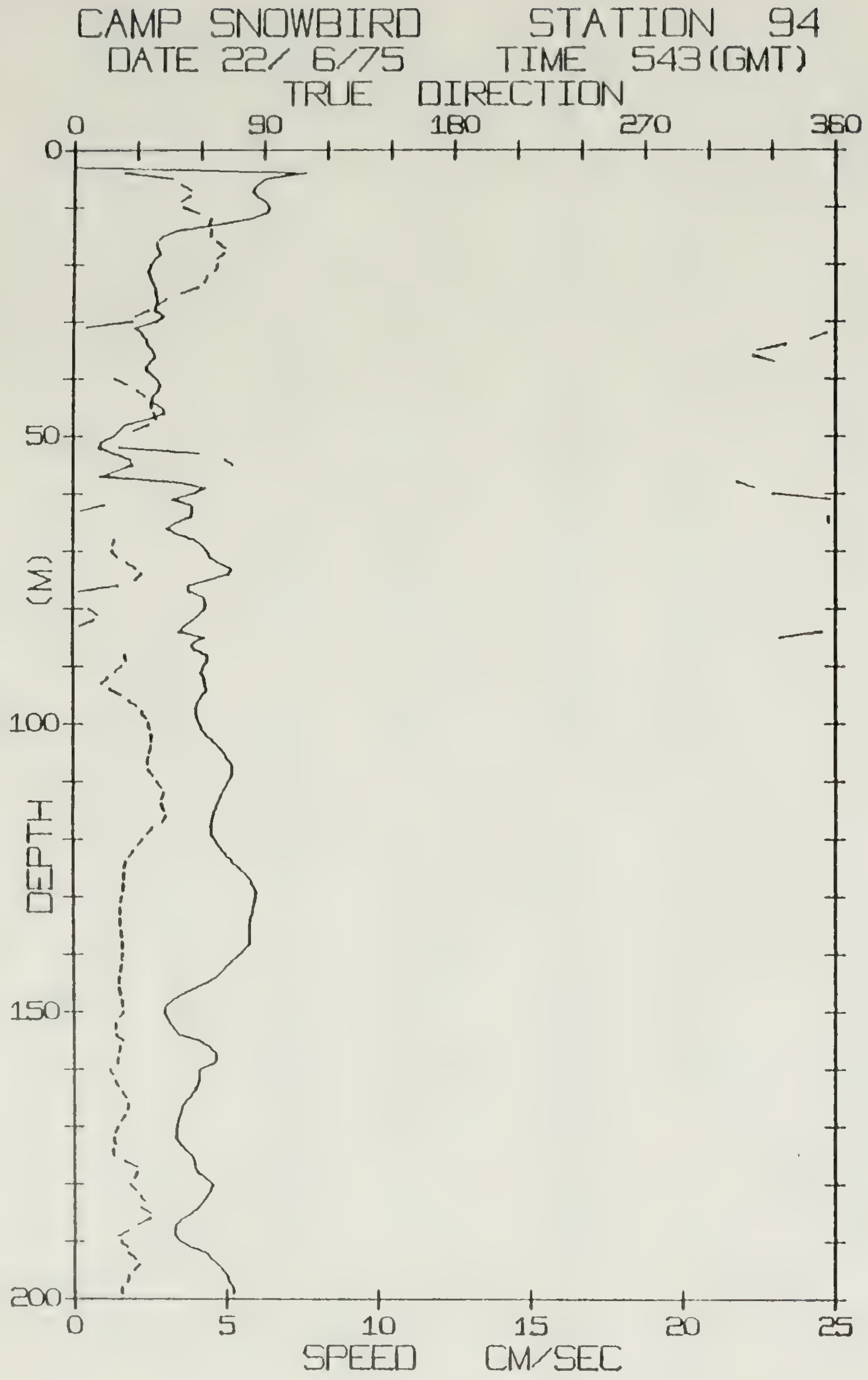
```
SNOWBIRD STATION  91    (199M.)     20/JUN/75     2106 GMT
LAT= 76.3762N  LONG= 152.4985W  LTER=     1   LGER=     1
NIVEL=   3.9   EIVEL=   -2.7    NVER=     0.  EVER=     0

DPT    SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0    0.0   999.9     67   4.5     6.6    134   3.7    50.1
  1    0.0   999.9     68   4.8     8.2    135   3.3    52.8
  2    0.0   999.9     69   4.8    10.9    136   2.9    55.6
  3    0.0   999.9     70   4.8    12.2    137   2.7    55.7
  4    1.0   331.2     71   4.5     5.5    138   2.6    54.7
  5    0.5   353.8     72   4.1   358.4    139   2.6    53.8
  6    0.5    14.3     73   3.7   359.6    140   2.5    52.6
  7    0.8    13.1     74   3.4   358.9    141   2.4    52.6
  8    0.9    20.6     75   3.4   358.9    142   2.5    57.2
  9    1.1    53.1     76   3.2   358.2    143   2.5    61.7
 10    1.2    44.8     77   3.0     2.9    144   2.4    69.7
 11    1.4    38.9     78   2.7    12.4    145   2.3    78.5
 12    1.6    34.0     79   2.5    17.1    146   2.2    88.0
 13    1.7    29.8     80   2.4    21.5    147   2.2    98.4
 14    1.8    33.0     81   2.2    26.3    148   2.0   103.9
 15    2.1    36.7     82   2.0    31.7    149   1.9   110.0
 16    2.3    39.5     83   1.9    37.9    150   1.9   110.8
 17    2.0    44.8     84   1.8    44.6    151   1.9   105.0
 18    1.5    54.5     85   1.7    52.2    152   2.0    99.6
 19    0.9    62.1     86   1.7    60.5    153   2.1    94.4
 20    0.6    65.6     87   1.7    68.4    154   2.2    89.8
 21    0.4    66.7     88   1.7    75.1    155   2.2    87.3
 22    0.5    58.2     89   1.7    79.9    156   2.2    88.9
 23    0.6    52.6     90   1.8    84.1    157   2.2    91.5
 24    0.8    48.0     91   1.7    85.3    158   2.3    90.7
 25    0.9    45.1     92   1.6    82.0    159   2.4    87.8
 26    1.1    42.7     93   1.4    77.7    160   2.4    88.0
 27    1.2    40.2     94   1.6    66.3    161   2.3    85.1
 28    1.4    38.0     95   1.2    65.5    162   2.3    82.2
 29    1.5    35.7     96   1.0    60.0    163   2.4    85.7
 30    1.6    33.6     97   0.9    47.2    164   2.7    89.8
 31    1.7    31.6     98   0.8    32.0    165   3.0    93.4
 32    1.7    30.1     99   0.9    16.5    166   2.8    91.2
 33    1.8    28.3    100   1.0     7.1    167   3.3    97.7
 34    1.9    26.6    101   1.1     8.8    168   2.6    88.7
 35    1.9    24.9    102   1.1    20.9    169   2.5    88.2
 36    2.0    23.3    103   1.1    32.9    170   2.5    85.7
 37    1.9    28.8    104   1.2    44.1    171   2.4    87.1
 38    1.9    36.4    105   1.2    54.5    172   2.2    88.5
 39    1.8    44.3    106   1.2    64.5    173   2.3    82.6
 40    1.9    43.9    107   1.3    74.1    174   2.4    77.4
 41    2.2    37.2    108   1.3    76.1    175   2.7    76.7
 42    2.5    31.7    109   1.1    68.1    176   2.8    80.9
 43    2.7    27.0    110   1.0    63.6    177   2.8    86.2
 44    2.9    23.9    111   0.8    78.3    178   2.7    86.8
 45    3.1    26.1    112   1.2    72.4    179   2.6    84.6
 46    3.2    28.3    113   1.8    65.7    180   2.3    86.5
 47    3.2    31.1    114   2.3    60.2    181   2.0    89.9
 48    3.0    34.5    115   2.9    55.6    182   2.3    74.7
 49    2.7    26.9    116   2.5    59.3    183   2.5    66.4
 50    2.2    25.8    117   2.2    59.8    184   2.0    84.0
 51    1.8    41.2    118   2.1    55.8    185   1.7   110.8
 52    1.6    59.9    119   2.6    45.6    186   2.1   105.4
 53    1.5    72.3    120   2.8    40.8    187   2.5    99.3
 54    1.0    34.6    121   2.8    42.2    188   2.7    90.2
 55    1.2   347.6    122   2.9    43.4    189   2.7    87.1
 56    1.5   338.0    123   2.9    46.0    190   3.0    89.8
 57    1.4   338.3    124   2.9    50.4    191   3.1    90.5
 58    1.4   342.0    125   3.0    54.6    192   3.0    89.4
 59    1.4   349.5    126   3.1    57.6    193   3.0    88.3
 60    1.4   354.5    127   3.6    55.7    194   3.0    88.3
 61    2.0    10.2    128   3.6    59.8    195   3.4    92.3
 62    2.3    15.0    129   4.0    54.7    196   3.8    93.7
 63    2.7    13.1    130   4.0    52.9    197   4.3    94.7
 64    3.3    10.2    131   3.5    57.2    198   4.8    95.2
 65    3.7     7.0    132   3.6    54.8    199   4.8    95.2
 66    4.1     5.0    133   3.9    49.2
```

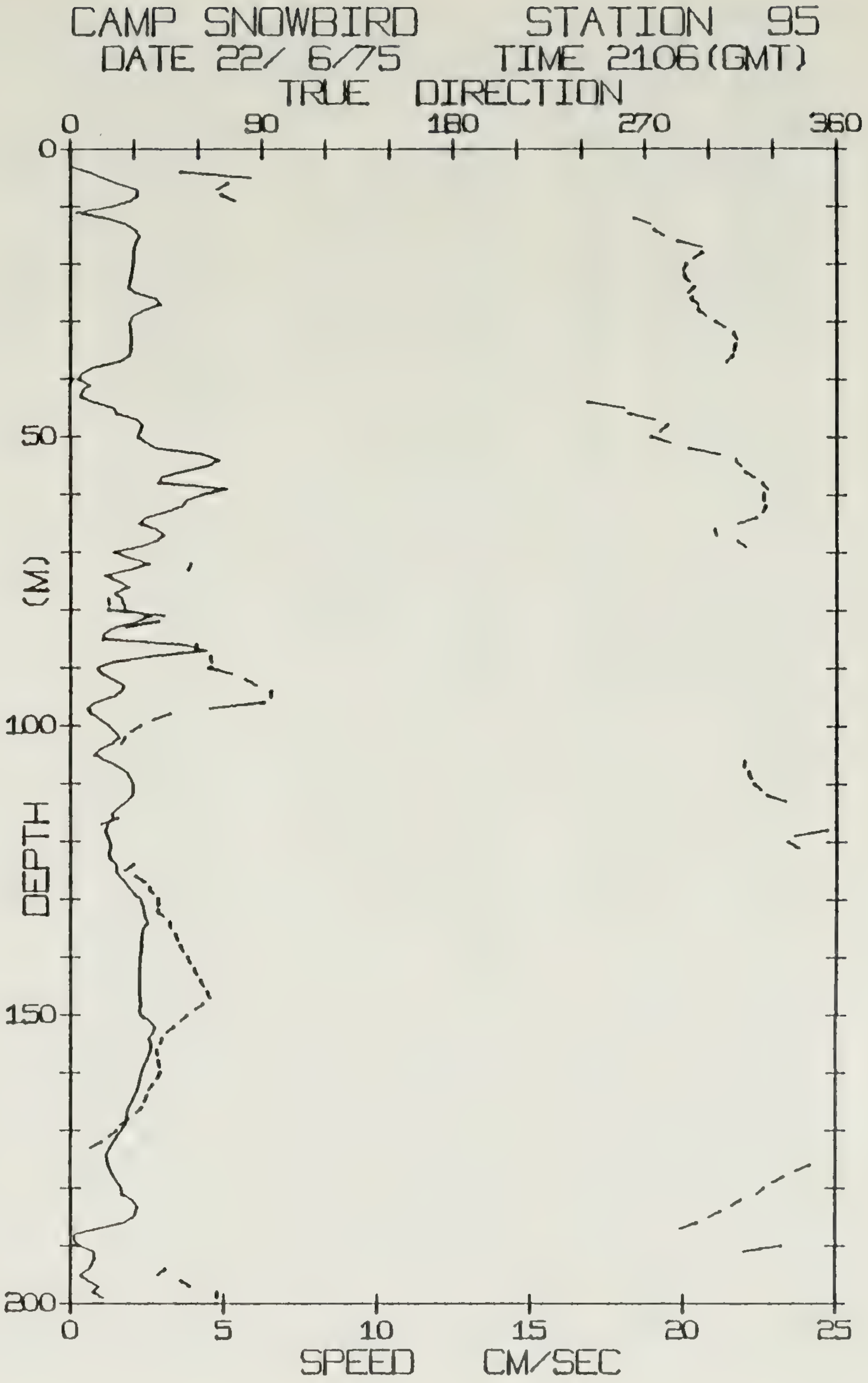

CAMP SNOWBIRD STATION 93
DATE 21/ 6/75 TIME 2021(GMT)


CAMP SNOWBIRD STATION 92
DATE 21/ 6/75 TIME 543(GMT)

```
SNOWBIRD STATION  92     (199M )     21/JUN/75       543 GMT
LAT- 76 3967N  LONG- 152 5251W  LTER=     1.   LGER=     1.
NIVEL-    6 5   EIVEL-   -2 4    NVER=     0    EVER=     0.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0  999.9       67   4.2   29.3      134   3.3   30.0
  1    0.0  999.9       68   4.4   27.8      135   3.3   33.3
  2    0.0  999.9       69   4.6   28.4      136   3.0   29.4
  3    0.0  999.9       70   4.6   31.1      137   3.1   25.9
  4    8.7   24.0       71   4.4   34.7      138   3.8   28.7
  5    9.0   23.0       72   3.5   38.5      139   3.9   31.1
  6    8.9   22.4       73   2.8   37.7      140   3.4   33.1
  7    6.5   46.9       74   2.5   33.4      141   3.1   36.3
  8    5.2   57.3       75   1.9    6.1      142   2.8   39.4
  9    5.5   59.7       76   1.8    1.6      143   2.6   42.9
 10    5.3   61.2       77   1.9   10.9      144   2.4   41.8
 11    4.9   62.5       78   2.1   14.7      145   2.3   39.0
 12    4.3   61.7       79   1.7    8.4      146   2.2   34.9
 13    3.7   58.5       80   1.8  340.1      147   2.1   29.9
 14    3.3   57.8       81   2.3    6.5      148   2.0   25.3
 15    2.8   63.8       82   3.2   20.0      149   2.0   23.1
 16    2.4   73.7       83   3.3   24.6      150   2.1   22.9
 17    2.2   78.5       84   3.4   28.2      151   2.3   24.0
 18    2.2   79.4       85   3.6   30.8      152   2.5   25.3
 19    2.1   75.9       86   3.5   33.0      153   2.7   26.8
 20    1.8   72.9       87   3.3   32.7      154   2.9   28.4
 21    1.2   71.8       88   3.0   27.6      155   2.9   29.1
 22    0.6   81.0       89   3.4   22.8      156   2.9   29.6
 23    0.4   40.6       90   4.1   19.0      157   2.8   32.1
 24    1.1   29.1       91   4.1   22.0      158   2.7   34.9
 25    1.6   41.8       92   3.1   28.2      159   2.6   37.4
 26    2.0   50.7       93   2.9   34.6      160   2.6   36.4
 27    2.0   45.9       94   3.2   40.9      161   2.7   33.7
 28    1.8   35.2       95   3.5   45.4      162   2.7   32.3
 29    0.8  358.1       96   3.7   48.5      163   2.7   31.8
 30    0.7  306.9       97   3.7   48.7      164   2.8   33.0
 31    0.7  288.3       98   3.6   48.0      165   2.8   35.3
 32    0.7  293.5       99   3.3   47.9      166   2.7   37.2
 33    0.9  296.9      100   2.9   47.2      167   2.7   38.9
 34    1.1  301.3      101   2.7   44.5      168   2.6   39.0
 35    1.2  303.9      102   2.5   40.3      169   2.5   36.8
 36    1.2  310.0      103   2.4   34.9      170   2.6   35.8
 37    1.2  322.8      104   2.3   29.9      171   2.8   32.9
 38    1.3  345.8      105   2.2   30.1      172   2.9   30.4
 39    1.5    5.2      106   2.3   32.0      173   2.8   24.5
 40    2.0   25.9      107   2.4   34.6      174   2.8   19.1
 41    3.5   35.4      108   2.4   36.9      175   2.7   21.2
 42    3.9   38.6      109   2.5   39.3      176   2.7   28.9
 43    3.7   43.6      110   2.6   40.8      177   2.7   32.6
 44    3.0   45.9      111   2.9   42.8      178   2.6   34.9
 45    2.4   45.7      112   3.1   44.3      179   2.4   36.9
 46    1.4   37.6      113   3.2   44.8      180   2.4   40.0
 47    0.9   12.8      114   3.1   45.6      181   2.4   45.1
 48    0.8  333.4      115   3.0   46.5      182   2.4   51.8
 49    1.4  309.0      116   3.0   47.5      183   2.5   51.6
 50    1.8  291.5      117   2.9   47.3      184   2.5   50.2
 51    1.9  286.7      118   2.9   47.0      185   2.6   46.4
 52    1.6  292.3      119   2.7   46.7      186   2.8   45.2
 53    1.5  311.2      120   2.6   45.6      187   3.0   46.9
 54    1.3  333.6      121   2.6   44.3      188   3.3   47.8
 55    1.4  340.9      122   2.6   42.2      189   3.5   49.2
 56    1.5  341.4      123   2.7   40.2      190   3.5   51.4
 57    1.5  347.2      124   2.9   38.3      191   3.4   54.1
 58    1.3    1.3      125   3.0   34.9      192   3.1   50.9
 59    1.3   18.6      126   3.3   31.0      193   2.9   47.2
 60    1.5   26.4      127   3.2   25.3      194   2.8   42.8
 61    1.9   25.9      128   3.4   23.7      195   2.9   36.0
 62    2.4   25.9      129   3.7   23.9      196   3.1   32.9
 63    2.7   30.1      130   3.6   24.5      197   3.2   35.6
 64    3.2   29.7      131   3.3   24.1      198   3.3   43.8
 65    3.4   31.3      132   3.1   22.8      199   3.4   53.3
 66    3.9   31.8      133   3.2   24.0
```

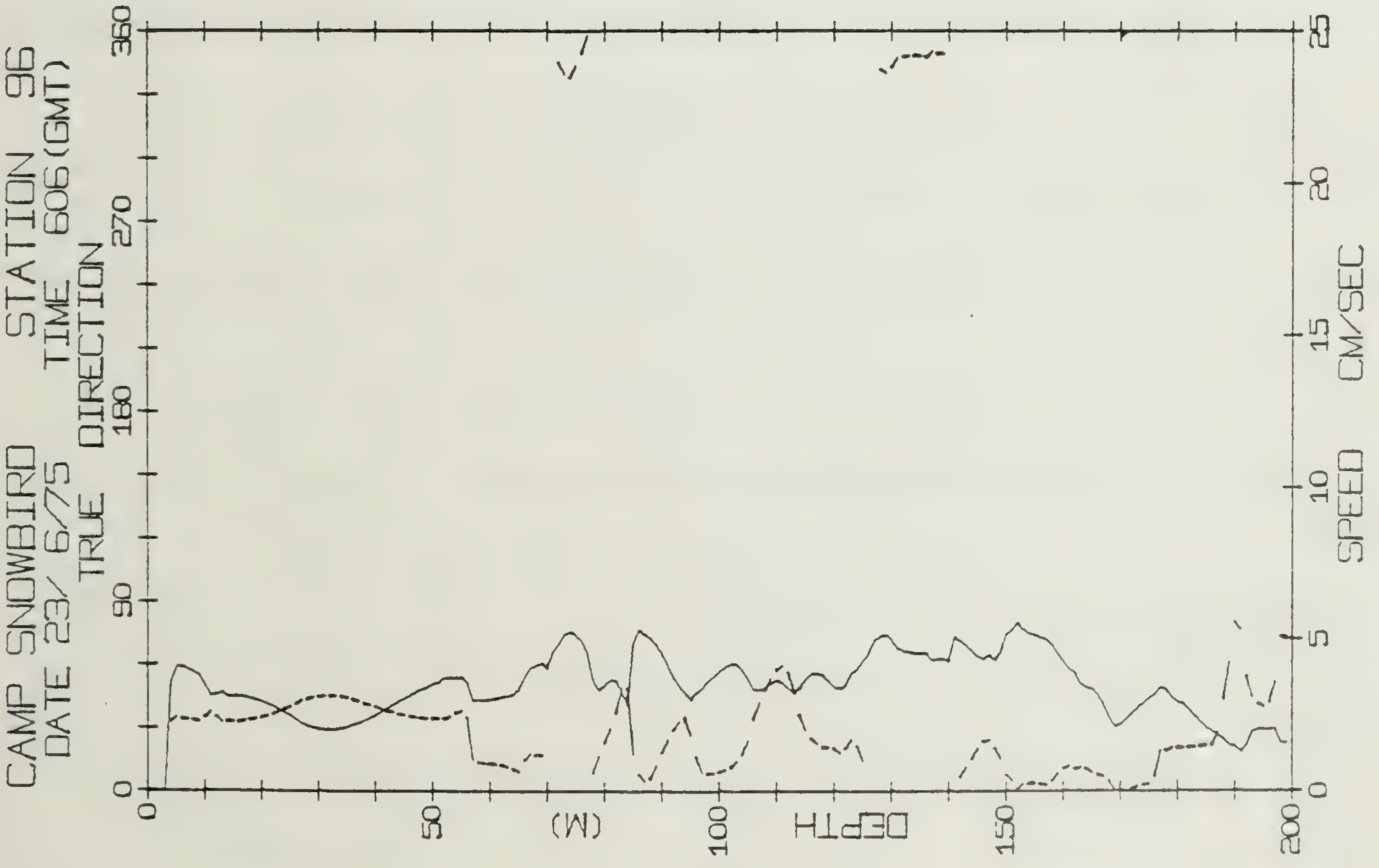
```
SNOWBIRD STATION  93     (197M. )     21/JUN/75      2021 GMT
LAT= 76 4404N  LONG- 152 6115W  LTER=     1.   LGER=     2
NIVEL=  14.3   EIVEL=   -9.1    NVER=     0    EVER=     0.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0  999.9       67   5.2  340.9      134   6.5   10.7
  1    0.0  999.9       68   6.3  352.5      135   6.4   11.4
  2    0.0  999.9       69   6.4  353.0      136   6.3   11.9
  3    0.0  999.9       70   5.8  349.1      137   6.3   12.7
  4   15.1  331.3       71   5.5  348.2      138   6.3   13.7
  5    8.8    4.7       72   6.2  358.6      139   6.4   13.8
  6    8.2   17.9       73   7.3    5.5      140   6.2   11.3
  7    8.2   18.9       74   8.3    8.8      141   5.9    7.8
  8    7.8   18.9       75   8.5    9.5      142   5.6    3.5
  9    8.1   22.9       76   8.5   10.0      143   5.7    2.2
 10    8.5   23.8       77   8.0    9.8      144   5.8    1.2
 11    8.9   21.1       78   7.6    8.7      145   5.9    0.2
 12    8.5   19.2       79   7.3    5.4      146   6.1  359.2
 13    7.0   18.0       80   7.3    2.2      147   6.2  358.2
 14    5.6   14.6       81   7.4  359.8      148   6.3  357.4
 15    5.6    6.6       82   7.5    0.7      149   6.5  356.6
 16    5.5  358.1       83   7.6    1.1      150   6.6  355.8
 17    4.6  355.1       84   7.8  359.7      151   6.7  355.2
 18    4.0  355.2       85   8.1  358.4      152   6.8  354.5
 19    3.6    0.9       86   8.1  359.4      153   7.1  355.7
 20    3.5    7.2       87   7.8    2.9      154   7.3  358.7
 21    3.8    5.8       88   7.6    6.6      155   7.6    1.4
 22    4.2  359.2       89   7.6    8.3      156   7.9    4.1
 23    4.6  352.2       90   7.6    8.4      157   8.0    5.1
 24    5.0  345.4       91   7.7    7.7      158   8.0    4.6
 25    4.8  342.6       92   7.9    5.6      159   8.0    4.1
 26    4.1  341.4       93   8.2    2.6      160   8.0    4.6
 27    4.0  337.2       94   8.2    3.0      161   7.7    4.9
 28    3.5  333.8       95   8.1    3.3      162   7.2    4.4
 29    3.1  335.2       96   8.1    3.7      163   7.0    5.5
 30    3.1  341.0       97   8.1    4.0      164   7.0    6.8
 31    3.7  348.0       98   8.1    4.5      165   6.9    8.3
 32    5.0  359.7       99   8.0    6.2      166   6.4    8.0
 33    5.4    5.4      100   7.8    9.1      167   5.9    6.5
 34    5.7   10.2      101   7.8    8.7      168   5.9    7.4
 35    5.8   12.0      102   7.9    5.8      169   6.0    8.0
 36    5.8   11.1      103   8.1    2.2      170   5.9    4.9
 37    5.7   11.3      104   8.1    0.9      171   5.8    1.1
 38    5.6   12.4      105   7.8    2.7      172   5.8  358.5
 39    5.4   13.5      106   7.7    2.5      173   6.0  357.1
 40    5.3   14.5      107   7.7    2.1      174   6.2  356.0
 41    5.2   16.2      108   7.5    2.8      175   6.4  354.9
 42    5.0   17.8      109   7.4    4.0      176   6.5  353.8
 43    4.9   19.6      110   7.3    5.2      177   6.7  352.9
 44    4.7   23.2      111   7.2    6.3      178   6.9  351.8
 45    4.7   19.5      112   7.1    7.5      179   7.0  351.9
 46    4.7   15.7      113   6.9    8.8      180   7.0  352.8
 47    4.8   11.8      114   6.8   10.0      181   7.3  354.6
 48    5.0    7.1      115   6.7   11.5      182   7.7  356.2
 49    5.2    3.9      116   6.6   13.0      183   8.0  358.0
 50    5.3    0.2      117   6.5   14.6      184   8.0    1.1
 51    4.9  351.8      118   6.4   16.3      185   7.9    4.7
 52    4.9  346.1      119   6.3   18.0      186   7.8    7.2
 53    5.4  346.4      120   6.2   18.9      187   7.6    8.8
 54    6.1  346.6      121   6.1   17.2      188   7.3   10.2
 55    5.9  345.8      122   6.1   14.0      189   7.3    9.3
 56    4.9  346.9      123   6.0    9.8      190   7.2    8.5
 57    4.4  349.1      124   5.8    6.1      191   7.2    7.8
 58    5.1  354.1      125   5.8    3.0      192   7.2    7.7
 59    6.3  352.1      126   6.0    1.5      193   7.2    7.7
 60    6.2  347.8      127   6.1    0.4      194   7.1    8.3
 61    4.8  345.4      128   6.2    1.7      195   7.2    9.7
 62    4.0  345.7      129   6.4    4.2      196   7.3   11.7
 63    4.0  346.8      130   6.6    6.8      197   7.4   13.9
 64    4.0  346.1      131   6.7    8.3
 65    4.2  336.7      132   6.6    9.2
 66    4.6  333.8      133   6.6   10.1
```

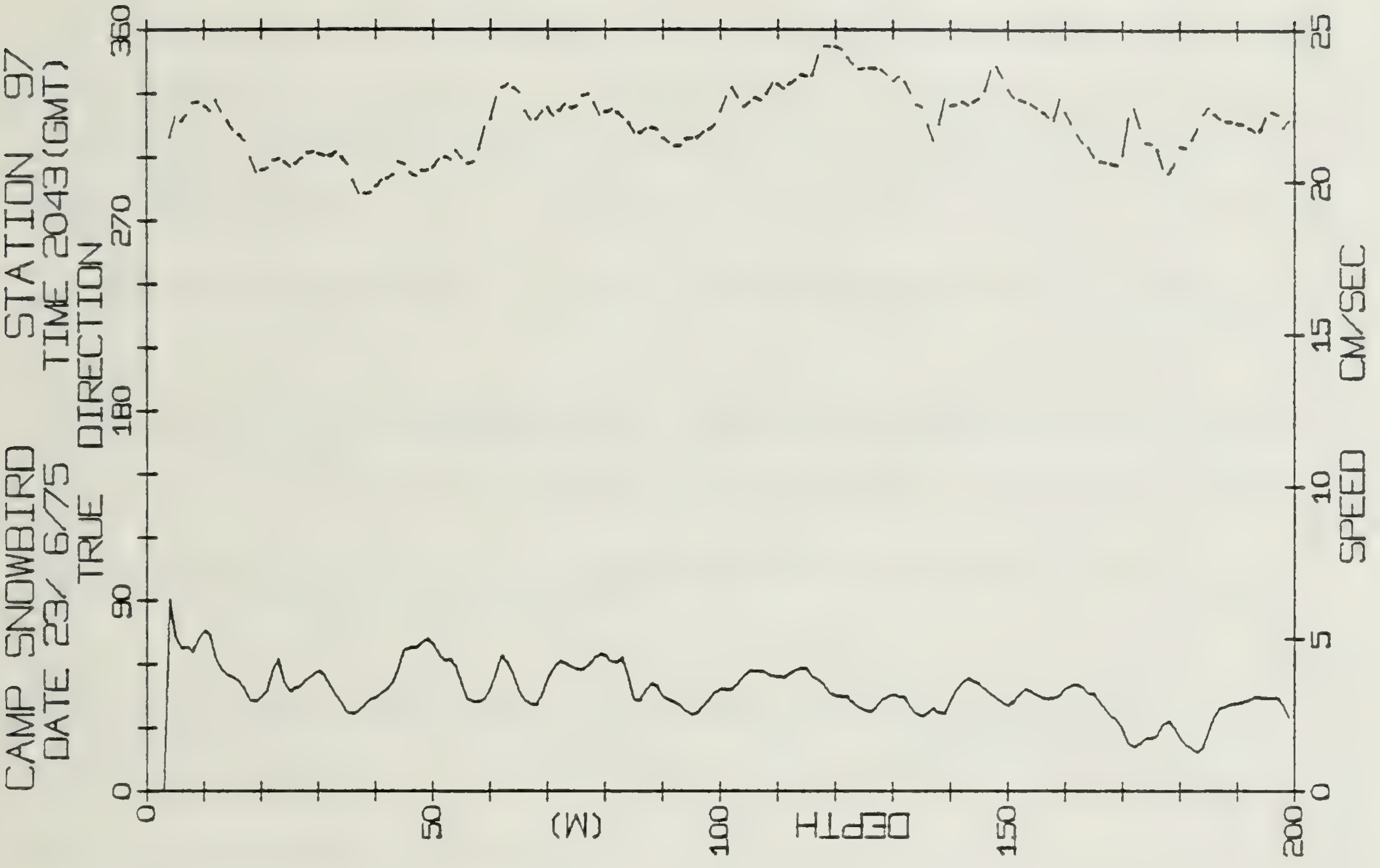

CAMP SNOWBIRD STATION 94
DATE 22/ 6/75 TIME 543(GMT)


CAMP SNOWBIRD STATION 95
DATE 22/ 6/75 TIME 2106(GMT)

```
SNOWBIRD STATION  94     (199M )      22/JUN/75       543 GMT
LAT= 76 4764N   LONG= 152 6753W   LTER=      1    LGER=      2
NIVEL=    8.5    EIVEL=   -1.6      NVER-      0    EVER-      0

DPT     SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0     0.0   999.9      67    3.4    14.8     134    5.8    21.8
  1     0.0   999.9      68    4.0    19.4     135    5.8    22.1
  2     0.0   999.9      69    4.2    18.2     136    5.8    22.5
  3     0.0   999.9      70    4.4    18.4     137    5.8    22.9
  4     7.6    23.9      71    4.5    20.5     138    5.8    23.2
  5     6.3    45.9      72    4.7    25.3     139    5.6    23.3
  6     6.0    50.7      73    5.2    29.3     140    5.5    23.1
  7     5.9    55.1      74    5.1    31.7     141    5.2    22.8
  8     6.0    54.4      75    4.5    29.2     142    5.0    22.3
  9     6.3    50.1      76    3.8    20.8     143    4.9    22.0
 10     6.4    51.5      77    3.8     2.4     144    4.7    21.4
 11     6.3    58.5      78    4.3   354.7     145    4.3    21.3
 12     5.8    64.6      79    4.3     0.2     146    3.9    21.9
 13     4.7    63.5      80    4.3     7.0     147    3.5    22.4
 14     3.4    64.5      81    4.1    11.0     148    3.2    23.1
 15     2.9    64.3      82    3.9     9.2     149    3.0    23.2
 16     2.7    67.6      83    3.6     2.9     150    3.0    23.5
 17     2.7    71.0      84    3.5   353.0     151    3.1    21.4
 18     2.8    70.5      85    4.3   333.9     152    3.2    19.9
 19     2.6    67.4      86    3.9   339.7     153    3.3    19.9
 20     2.5    67.6      87    3.9    18.4     154    3.5    20.2
 21     2.4    66.4      88    4.4    24.1     155    4.1    23.2
 22     2.5    62.8      89    4.4    24.9     156    4.4    21.8
 23     2.6    61.3      90    4.3    22.5     157    4.6    21.1
 24     2.7    58.4      91    4.2    19.4     158    4.7    20.5
 25     2.7    50.9      92    4.3    16.0     159    4.6    20.6
 26     2.7    43.4      93    4.3    13.4     160    4.1    16.9
 27     2.7    39.6      94    4.4    17.0     161    4.1    18.2
 28     2.6    35.1      95    4.2    22.2     162    4.1    19.5
 29     3.0    28.9      96    4.1    26.4     163    4.0    21.1
 30     2.7    27.4      97    4.0    30.0     164    3.9    22.9
 31     2.0     5.9      98    4.0    32.2     165    3.8    24.7
 32     2.2   355.3      99    4.1    34.2     166    3.6    25.7
 33     2.4   348.5     100    4.2    35.3     167    3.5    25.1
 34     2.4   336.2     101    4.2    36.2     168    3.5    23.8
 35     2.6   323.3     102    4.4    36.8     169    3.4    22.1
 36     2.7   321.3     103    4.6    36.7     170    3.4    20.5
 37     2.5   330.9     104    4.8    36.2     171    3.3    19.2
 38     2.3   350.1     105    4.9    35.6     172    3.4    18.6
 39     2.5     8.1     106    5.0    34.9     173    3.5    19.6
 40     2.7    19.3     107    5.2    35.0     174    3.7    18.5
 41     2.8    25.3     108    5.2    35.6     175    3.9    18.9
 42     2.8    29.8     109    5.2    37.3     176    4.0    23.9
 43     2.6    33.2     110    5.1    39.3     177    4.0    29.7
 44     2.6    36.4     111    5.0    41.3     178    4.1    29.5
 45     2.9    36.6     112    4.9    42.6     179    4.3    28.0
 46     3.0    38.0     113    4.8    41.3     180    4.5    26.5
 47     2.5    39.0     114    4.7    41.7     181    4.5    28.9
 48     1.7    35.3     115    4.6    42.8     182    4.4    31.4
 49     1.5    28.5     116    4.6    43.7     183    4.2    33.3
 50     1.3    21.0     117    4.5    41.9     184    4.1    31.2
 51     0.9   343.3     118    4.5    37.2     185    3.9    35.8
 52     0.8    21.9     119    4.5    34.8     186    3.6    35.5
 53     1.3    59.3     120    4.6    32.5     187    3.4    30.0
 54     1.9    71.5     121    4.8    30.3     188    3.3    25.4
 55     2.0    75.4     122    4.9    28.2     189    3.3    21.0
 56     1.4    77.0     123    5.1    26.4     190    3.5    22.0
 57     0.9   353.7     124    5.2    24.6     191    3.8    25.0
 58     3.4   313.8     125    5.4    23.7     192    4.3    25.8
 59     4.3   321.8     126    5.6    23.5     193    4.5    28.8
 60     3.9   330.5     127    5.8    23.6     194    4.7    30.4
 61     3.2   356.8     128    5.9    23.4     195    4.9    28.1
 62     3.9    14.5     129    6.0    23.2     196    5.0    25.6
 63     3.9     3.4     130    6.0    22.6     197    5.1    24.7
 64     3.8   356.4     131    5.9    22.0     198    5.2    22.4
 65     3.4   356.8     132    5.9    21.8     199    5.2    22.4
 66     3.0   359.1     133    5.9    21.8
```

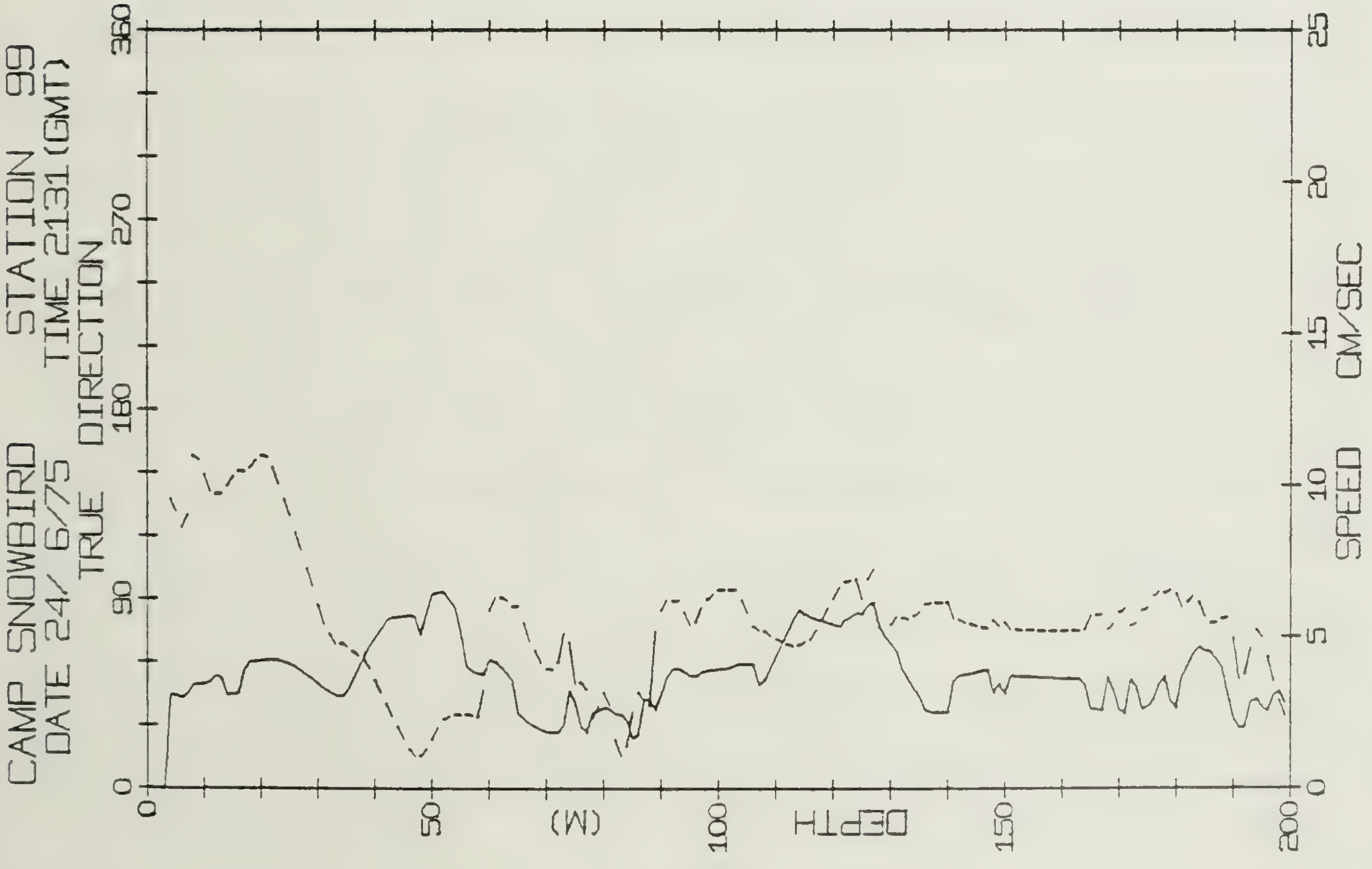
```
SNOWBIRD STATION  95     (199M )      22/JUN/75      2106 GMT
LAT= 76.4982N   LONG= 152 6209W   LTER=      0    LGER=      0
NIVEL=    5 1    EIVEL=    0.4      NVER=      0    EVER=      0.

DPT     SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0     0.0   999.9      67    3.1   303.6     134    2.6    46.7
  1     0.0   999.9      68    2.8   313.4     135    2.4    47.4
  2     0.0   999.9      69    2.3   317.3     136    2.4    49.4
  3     0.0   999.9      70    1.4   336.4     137    2.3    50.5
  4     0.7    52.1      71    1.9    49.4     138    2.3    51.9
  5     1.1    84.4      72    2.6    56.5     139    2.3    53.3
  6     1.6    74.1      73    2.0    55.0     140    2.3    55.0
  7     2.2    69.1      74    1.1    21.5     141    2.3    56.5
  8     2.2    71.2      75    1.5   331.1     142    2.3    58.1
  9     1.9    77.1      76    1.9   326.1     143    2.3    59.6
 10     1.3    86.0      77    1.5     3.5     144    2.3    61.1
 11     0.2   156.8      78    1.7    17.9     145    2.3    62.9
 12     1.2   264.9      79    1.8    18.5     146    2.3    64.5
 13     1.8   272.4      80    1.8    17.7     147    2.3    66.0
 14     2.1   274.2      81    2.7    44.0     148    2.3    62.6
 15     2.3   278.5      82    2.2    41.6     149    2.3    58.8
 16     2.2   285.2      83    1.4    26.2     150    2.3    54.7
 17     2.1   296.4      84    1.1     3.4     151    2.6    51.9
 18     2.1   296.9      85    1.1   347.4     152    2.8    48.5
 19     2.0   293.0      86    3.7    59.2     153    2.7    45.5
 20     2.0   289.5      87    4.4    58.5     154    2.6    43.1
 21     2.0   287.7      88    2.6    66.0     155    2.7    42.1
 22     2.0   288.4      89    1.4    66.5     156    2.6    40.6
 23     1.9   290.6      90    0.9    65.3     157    2.6    41.2
 24     1.9   292.9      91    1.0    75.5     158    2.5    41.6
 25     2.1   290.7      92    1.4    82.2     159    2.4    42.1
 26     2.8   291.8      93    1.8    87.1     160    2.3    42.4
 27     3.0   294.8      94    1.7    94.3     161    2.3    40.8
 28     2.4   295.3      95    1.4    94.2     162    2.2    38.8
 29     2.0   298.6      96    0.8    91.1     163    2.2    36.6
 30     1.9   303.1      97    0.6    66.0     164    2.1    35.7
 31     2.0   307.5      98    0.7    46.7     165    2.0    34.6
 32     2.0   311.5      99    1.0    38.9     166    1.9    33.4
 33     2.0   313.0     100    1.3    33.0     167    1.8    30.8
 34     2.0   312.2     101    1.5    28.7     168    1.8    27.1
 35     2.0   311.4     102    1.6    25.7     169    1.8    23.5
 36     1.9   310.7     103    1.4    24.2     170    1.6    21.3
 37     1.6   308.2     104    1.0    24.7     171    1.5    18.4
 38     0.8   322.7     105    0.8   348.0     172    1.4    14.5
 39     0.4    27.9     106    1.1   316.5     173    1.3     9.3
 40     0.2   355.6     107    1.6   316.2     174    1.2     2.6
 41     0.7   283.9     108    1.8   318.9     175    1.2   355.3
 42     0.4   262.4     109    2.0   320.0     176    1.3   340.1
 43     0.3   207.2     110    2.1   321.5     177    1.3   341.5
 44     0.8   243.1     111    2.0   324.7     178    1.4   335.7
 45     1.4   259.7     112    2.0   327.7     179    1.5   330.7
 46     1.5   262.4     113    1.8   335.9     180    1.7   326.5
 47     2.2   274.2     114    1.6   343.4     181    1.7   323.2
 48     2.4   280.0     115    1.4     0.9     182    2.0   315.3
 49     2.3   277.0     116    1.4    22.3     183    2.2   311.1
 50     2.2   272.7     117    1.2    14.6     184    2.1   305.8
 51     2.5   281.6     118    1.1   355.7     185    2.0   300.5
 52     2.8   290.6     119    1.2   340.4     186    1.8   294.7
 53     4.3   304.8     120    1.3   337.4     187    1.0   286.8
 54     4.9   312.5     121    1.3   341.9     188    0.1   298.0
 55     4.5   314.8     122    1.3   354.1     189    0.1    70.4
 56     3.7   317.0     123    1.3    17.9     190    0.3   334.7
 57     3.0   321.3     124    1.5    29.5     191    0.8   317.4
 58     2.9   325.2     125    1.5    26.1     192    0.8   329.5
 59     5.1   327.3     126    1.6    30.5     193    0.7     5.6
 60     4.4   325.8     127    1.8    35.0     194    0.6    44.5
 61     3.8   326.0     128    1.9    37.4     195    0.4    41.3
 62     3.6   326.9     129    2.1    39.2     196    0.6    51.9
 63     3.2   325.1     130    2.3    41.5     197    0.9    56.0
 64     2.5   322.4     131    2.4    41.7     198    0.7    68.9
 65     2.2   313.7     132    2.4    41.1     199    1.1    69.1
 66     2.8   302.6     133    2.5    43.9
```

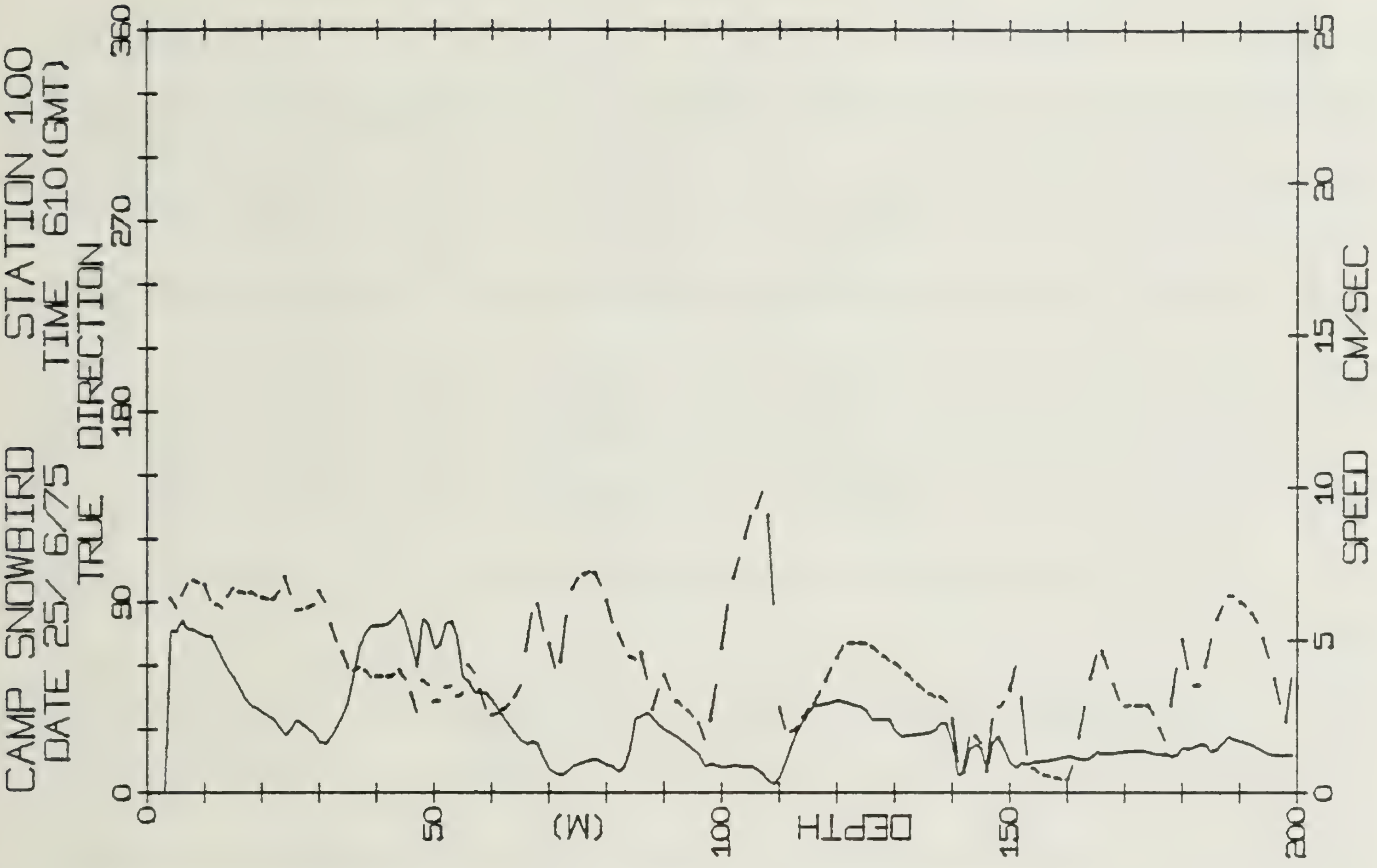

CAMP SNOWBIRD STATION 96
DATE 23/ 6/75 TIME 606(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 97
DATE 23/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION  96     (199M )     23/JUN/75      606 GMT
LAT= 76 5155N  LONG= 152.6340W  LTER=     1   LGER=     1.
NIVEL=   2.8   EIVEL=  -2.0     NVER=     0   EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0 0   999 9        67    4.1    17 2       134    4 5   348.8
  1    0 0   999 9        68    4 2    17 2       135    4 5   348 2
  2    0 0   999 9        69    4 2    16 9       136    4.6   347 7
  3    0 0   999 9        70    4 1     8 6       137    4.3   350 3
  4    3 6    32 8        71    4 6   351 2       138    4 4   349.5
  5    4 1    34 8        72    4 8   344 9       139    4 3   349.5
  6    4 1    34 0        73    5 2   340 0       140    4 3   349 9
  7    4 0    33 7        74    5 3   338 3       141    5 1     2.8
  8    3 9    33 4        75    5 1   343 4       142    5.0     6.8
  9    3 8    32 9        76    5 0   349 6       143    4.8    10.9
 10    3 5    35 0        77    4 5   357 8       144    4 6    15 2
 11    3 2    37 4        78    3 7     8 9       145    4 4    19 7
 12    3 2    35 3        79    3 3    16 5       146    4 3    23.4
 13    3 3    32 8        80    3 5    23.2       147    4.5    24.3
 14    3 1    33 1        81    3 7    29 6       148    4.3    20.5
 15    3 1    32.8        82    3 6    37 1       149    4.5    15 4
 16    3 1    33 1        83    3 3    49 1       150    5.2     7.6
 17    3 1    33 4        84    2.8    48 5       151    5 3     5.1
 18    3 0    33 9        85    4 9    17 8       152    5 6     1.3
 19    3 0    34 4        86    5.3     7 8       153    5 3     3.4
 20    2 9    35 1        87    5.2     4.8       154    5.2     3 9
 21    2 8    35 9        88    5 0     6.1       155    5 1     3.5
 22    2 8    36 7        89    4 8    12.0       156    5.0     3.1
 23    2 7    37 7        90    4 5    18.4       157    5 0     2 8
 24    2 6    38 8        91    4 2    24 4       158    4.8     4.7
 25    2 5    40 0        92    3.8    29.3       159    4.5     8.0
 26    2 3    41 4        93    3.5    33 0       160    4.3    10.8
 27    2 2    42 9        94    3 2    34 6       161    4.0    11.9
 28    2 1    43 8        95    3.0    27 0       162    3.9    10.2
 29    2 1    44 6        96    3 2    16 0       163    3 5    11.3
 30    2 0    45 0        97    3 4     9 0       164    3 4    10.3
 31    2 0    45 2        98    3.6     8 4       165    3.3     8.8
 32    2 0    45 2        99    3 8     8 6       166    3.2     7.6
 33    2 0    45 0       100    4 0     9 3       167    2 9     6.8
 34    2 1    44 6       101    4 1    10 3       168    2 4     4.7
 35    2 1    44 0       102    4 2    11.4       169    2.1     0.3
 36    2 2    43 3       103    4 2    13.7       170    2.2   357.8
 37    2 3    42 4       104    4 0    17 6       171    2 4   359 6
 38    2 3    41 5       105    3 7    23 9       172    2.5     1.2
 39    2 4    40 6       106    3 4    34 3       173    2 7     2 3
 40    2.5    39 7       107    3.3    41 8       174    2 9     2.9
 41    2 6    38 9       108    3 4    48 2       175    3 0     3 3
 42    2.7    38 0       109    3 6    53 6       176    3.2     6.8
 43    2 8    37 3       110    3 7    58 1       177    3.4    18.8
 44    2 9    36 5       111    3 6    59 7       178    3.3    19 1
 45    3 1    35.9       112    3 4    56 5       179    3 1    20.2
 46    3 2    35 4       113    3.2    48 6       180    2 9    20 7
 47    3 3    34 9       114    3.4    36 2       181    2 9    20.4
 48    3 4    34 6       115    3 7    29 5       182    2 7    20.9
 49    3 5    34 4       116    3 9    25 3       183    2 5    21 0
 50    3 5    34 3       117    3.9    23 0       184    2 3    21.3
 51    3 6    34 7       118    3 8    21 2       185    2.1    21 9
 52    3 7    34 2       119    3 6    20 8       186    2 0    22 1
 53    3 7    35 6       120    3.5    20 1       187    1.9    27 4
 54    3 7    37 0       121    3 4    18 3       188    1.7    43.6
 55    3 8    38 1       122    3.5    20 5       189    1 5    61.0
 56    3 6    35 1       123    3.9    24 2       190    1 5    80 1
 57    3.0    15 0       124    4 0    21 5       191    1 3    76 8
 58    3 0    13 5       125    4 3    14 7       192    1 5    54.5
 59    3 0    13 0       126    4 5     2 3       193    2 0    44 5
 60    3 0    12 9       127    5 0   346 3       194    2 0    41.3
 61    3 1    12 7       128    5 1   342 0       195    2 0    39.8
 62    3 1    12 2       129    5 2   340 5       196    2 0    42 1
 63    3 1    11 3       130    5 0   343 3       197    2 1    51.6
 64    3 2    10 5       131    4 7   347 3       198    1 6    73 2
 65    3 4     8 9       132    4 6   348 4       199    1 6    73 2
 66    3 7    14 7       133    4 6   348 7
```

```
SNOWBIRD STATION  97     (199M )     23/JUN/75     2043 GMT
LAT= 76.5296N  LONG= 152.8140W  LTER=     1.  LGER=     1.
NIVEL-  -0 7   EIVEL=  -9.0     NVER=     0.  EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0 0   999.9        67    2 9   317.3       134    2.6   324.9
  1    0 0   999 9        68    2.8   317.7       135    2 5   323.4
  2    0 0   999.9        69    3.2   321.6       136    2 6   315.1
  3    0 0   999 9        70    3 7   323.0       137    2 7   307 7
  4    6 3   309 2        71    4 0   319 0       138    2 6   315 2
  5    5 1   318.6        72    4.2   321.7       139    2.5   327.4
  6    4.7   316.8        73    4 2   325.2       140    2.9   324 4
  7    4.7   320 0        74    4 1   323 2       141    3.3   324 9
  8    4 6   325.5        75    4 0   323.9       142    3.6   326.0
  9    5.0   326.2        76    4.0   328 9       143    3.7   324 6
 10    5.3   324 3        77    4.1   329.9       144    3.6   326.3
 11    5 2   321 7        78    4.3   325.6       145    3.5   328.2
 12    4.4   326.7        79    4.5   319.8       146    3.4   331.4
 13    4.0   321.2        80    4.5   321.2       147    3.2   340 5
 14    3 8   316.7        81    4.2   322 5       148    3.1   342 7
 15    3.7   312.9        82    4.2   320.9       149    2.9   337.4
 16    3 6   310.6        83    4 4   318.6       150    2.8   331.8
 17    3 4   307.6        84    3.8   315.8       151    3.0   327.9
 18    3 0   299.6        85    3.0   311.1       152    3.2   326.9
 19    2 9   292.9        86    3.0   311.2       153    3.4   326.1
 20    3.1   293.8        87    3.3   313.2       154    3.3   324 8
 21    3.3   295.0        88    3.5   314.0       155    3.2   323.1
 22    4 0   298.2        89    3.5   312 6       156    3.1   321.2
 23    4.3   299.2        90    3.1   308.6       157    3.1   319 1
 24    3.6   297.6        91    3.0   306.6       158    3.1   317.2
 25    3 3   295.2        92    2.9   305.0       159    3.2   327.3
 26    3 4   296.9        93    2.8   305 4       160    3.4   321.4
 27    3.5   299.6        94    2.6   308.2       161    3.5   315.9
 28    3 7   301.7        95    2.5   308.9       162    3.5   310.5
 29    3.8   302.6        96    2.6   309.4       163    3.4   307 0
 30    4.0   301.3        97    2.8   311.3       164    3 2   304 4
 31    3 8   300.4        98    3.0   313.0       165    3.2   300.2
 32    3.5   300.3        99    3.3   315.0       166    2.9   298.0
 33    3 2   302.2       100    3.4   321.6       167    2.7   297.5
 34    2.9   299.9       101    3.3   328.4       168    2.5   296 5
 35    2.6   296.6       102    3.4   332.6       169    2.3   295 9
 36    2 5   288.6       103    3.5   328.0       170    2.1   300.9
 37    2.6   282.6       104    3.8   323.8       171    1.6   318.4
 38    2 8   282 4       105    3.9   325.7       172    1.4   323.1
 39    3.0   283.1       106    3.9   327.7       173    1 6   314 1
 40    3 1   285.8       107    3.9   326.7       174    1 7   306.7
 41    3.2   288.8       108    3.9   329.9       175    1 7   306 0
 42    3 4   289.6       109    3.8   334 3       176    1.8   303.4
 43    3 6   291.6       110    3.7   334.2       177    2 2   294 7
 44    4 0   297.5       111    3.7   332.2       178    2 3   292 5
 45    4.6   296.4       112    3.9   334 5       179    2.1   296 7
 46    4.7   292.4       113    4 0   336.5       180    1.8   304 6
 47    4.7   290.5       114    4.0   338 5       181    1.5   304 2
 48    4 9   293.1       115    4.0   337 9       182    1 4   308 2
 49    5.0   293.9       116    3.8   338 7       183    1 3   313 3
 50    4.8   295 2       117    3.7   348.1       184    1 4   320 3
 51    4.5   298.7       118    3.5   352 3       185    2 0   323 9
 52    4 3   299 8       119    3.3   352 2       186    2 4   320.6
 53    4.3   298.6       120    3.1   352 4       187    2 7   318 1
 54    4.1   302.6       121    3.1   350.7       188    2 8   317.1
 55    3.5   299.2       122    3.1   346 8       189    2 9   316 6
 56    3 0   296.8       123    2.9   343.7       190    2.9   315 7
 57    2 9   297.7       124    2.8   341 5       191    2 9   315 5
 58    2 9   303.3       125    2 7   341.7       192    3.0   313.9
 59    3.0   313.9       126    2 6   341.8       193    3.1   312 0
 60    3 3   317.4       127    2.7   341.5       194    3 1   312.9
 61    3.8   327.9       128    3 0   340 9       195    3.1   319.0
 62    4 5   332.7       129    3.1   338.5       196    3 1   321.5
 63    4 2   334 3       130    3.2   335 9       197    3.1   320 2
 64    3 9   332 5       131    3 1   337 9       198    2 9   314 0
 65    3.3   330.3       132    3 1   335 5       199    2.4   317.2
 66    3 0   321 4       133    2 8   330.3
```

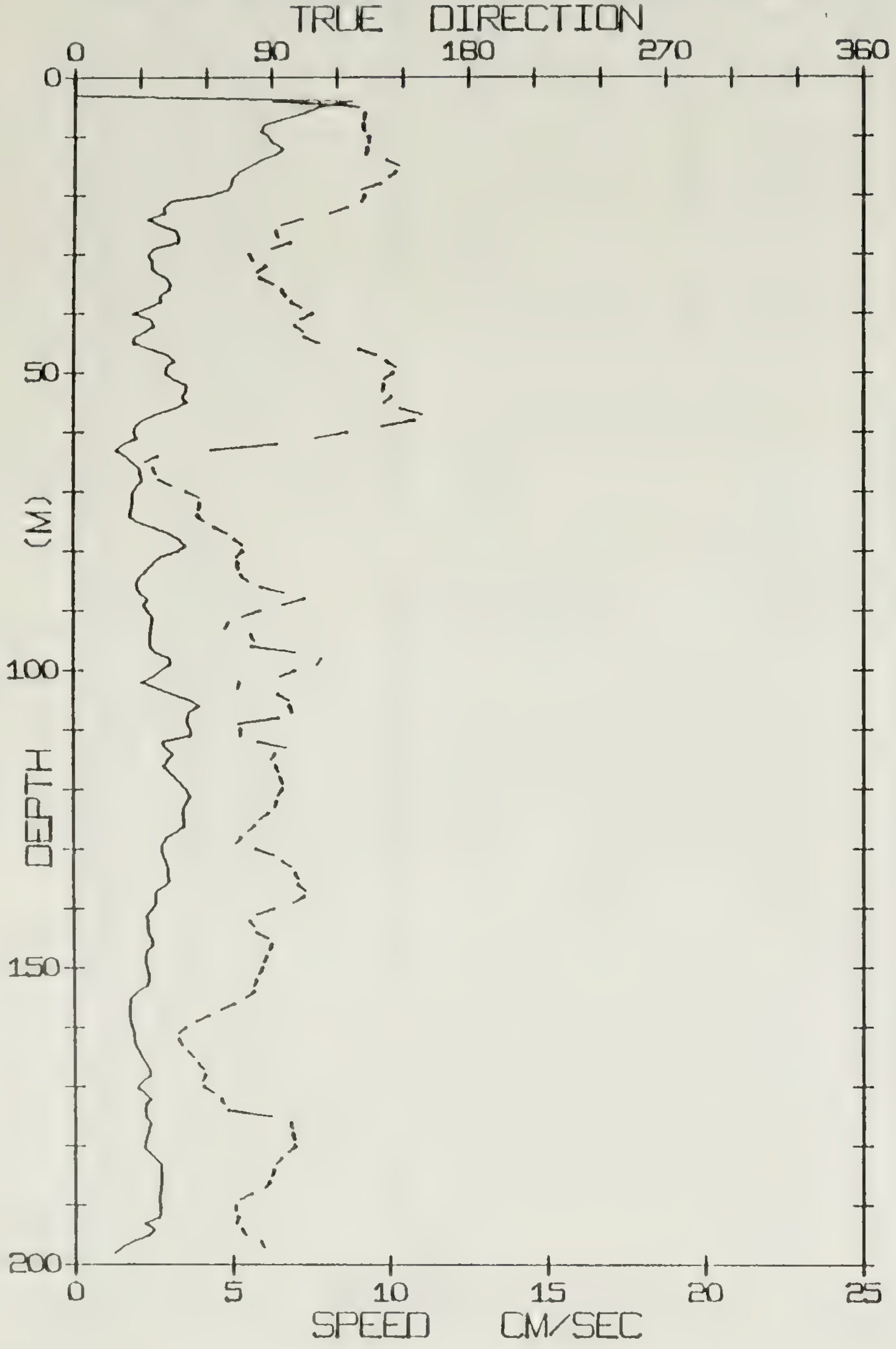

CAMP SNOWBIRD STATION 99
DATE 24/ 6/75 TIME 2131(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 100
DATE 25/ 6/75 TIME 610(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

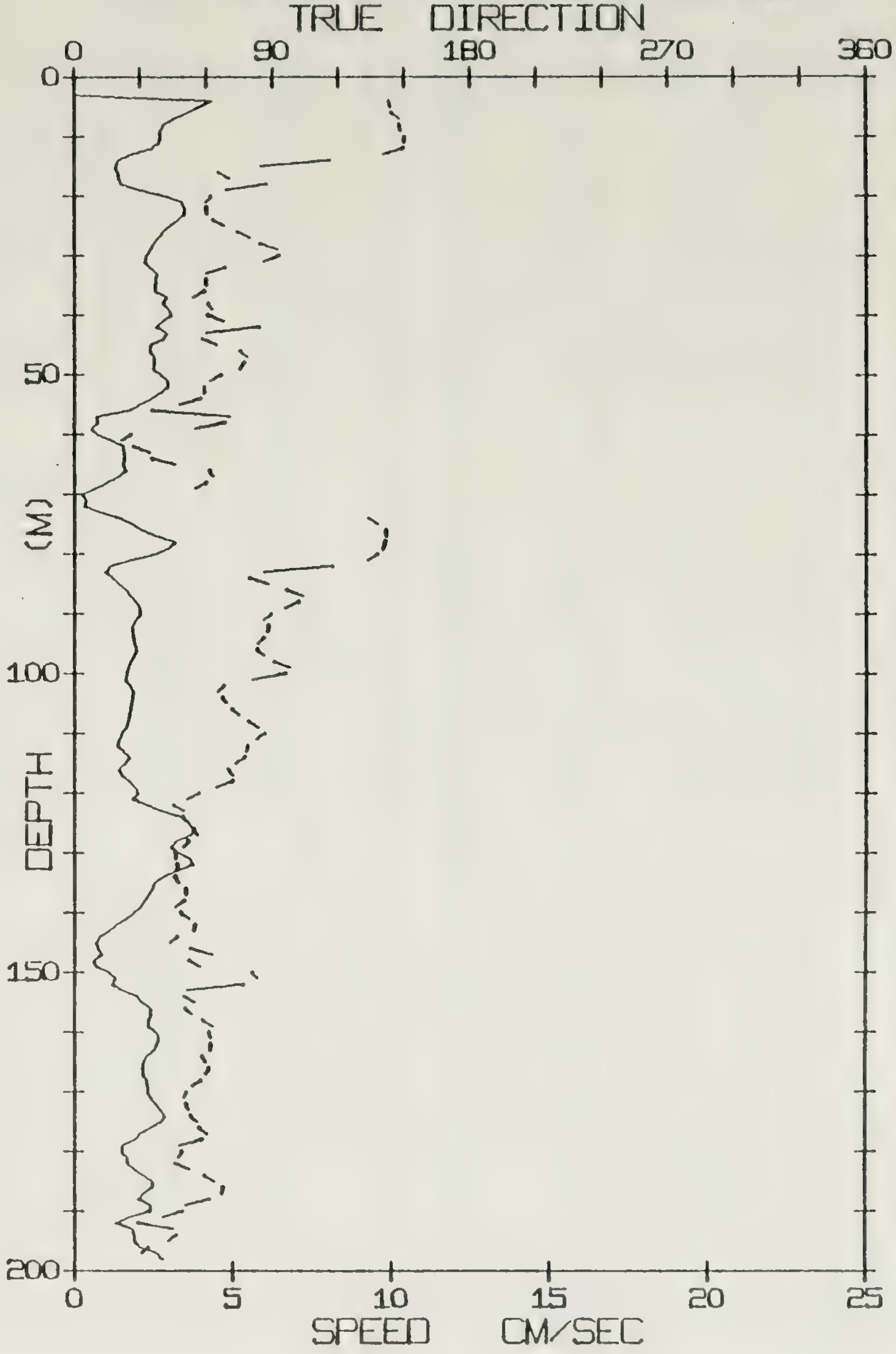
```
SNOWBIRD STATION  99     (199M )      24/JUN/75      2131 GMT
LAT= 76.5261N  LONG= 152.8933W  LTER=   394    LGER=   588.
NIVEL=  -1.0   EIVEL=   0.3     NVER=     2    EVER=     2

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    2.1    70.2      134    3.3    82.0
  1    0.0   999.9       68    2.0    65.4      135    3.0    83.8
  2    0.0   999.9       69    1.9    59.7      136    2.6    87.4
  3    0.0   999.9       70    1.9    56.9      137    2.5    88.1
  4    3.1   137.6       71    1.8    56.3      138    2.5    88.1
  5    3.0   131.4       72    1.9    59.8      139    2.5    88.1
  6    3.0   123.7       73    2.1    73.3      140    2.5    88.1
  7    3.1   129.2       74    3.2    69.3      141    3.5    80.7
  8    3.4   157.7       75    2.8    49.9      142    3.7    79.9
  9    3.4   156.0       76    2.0    50.3      143    3.8    78.5
 10    3.4   148.0       77    1.8    47.2      144    3.8    77.7
 11    3.5   141.3       78    2.5    33.4      145    3.8    77.0
 12    3.7   140.0       79    2.6    38.7      146    3.9    76.4
 13    3.6   140.1       80    2.7    45.3      147    3.9    75.7
 14    3.1   143.7       81    2.6    39.6      148    3.1    79.4
 15    3.1   147.7       82    2.5    22.9      149    3.5    77.1
 16    3.1   150.8       83    2.4    15.7      150    3.1    78.8
 17    3.9   150.3       84    2.3    20.3      151    3.7    75.3
 18    4.2   152.5       85    1.7    35.9      152    3.7    75.1
 19    4.2   155.4       86    1.8    45.4      153    3.7    74.9
 20    4.2   158.0       87    2.9    41.5      154    3.7    74.7
 21    4.2   157.3       88    2.9    39.5      155    3.7    74.6
 22    4.2   152.3       89    2.6    74.6      156    3.6    74.6
 23    4.2   144.6       90    3.1    84.9      157    3.6    74.5
 24    4.1   137.2       91    3.7    89.7      158    3.6    74.5
 25    4.1   129.5       92    4.0    89.1      159    3.6    74.5
 26    4.0   121.3       93    4.0    89.6      160    3.6    74.5
 27    3.9   112.9       94    3.8    83.8      161    3.6    74.6
 28    3.7   104.3       95    3.7    77.9      162    3.6    74.7
 29    3.6    96.4       96    3.7    79.2      163    3.6    74.9
 30    3.4    87.1       97    3.8    86.1      164    3.4    75.9
 31    3.3    78.0       98    3.9    90.0      165    2.6    81.6
 32    3.2    72.8       99    3.9    92.3      166    2.6    82.2
 33    3.0    68.7      100    4.0    94.4      167    2.5    82.9
 34    3.0    68.6      101    4.0    94.5      168    3.7    75.6
 35    3.2    67.4      102    4.0    94.6      169    3.2    78.2
 36    3.5    64.9      103    4.1    94.5      170    2.6    83.6
 37    3.9    63.0      104    4.1    89.6      171    2.4    85.2
 38    4.3    61.4      105    4.1    83.4      172    3.6    77.4
 39    4.7    57.1      106    4.1    77.1      173    3.4    78.5
 40    5.0    51.4      107    3.4    75.2      174    2.6    84.4
 41    5.2    45.6      108    3.6    74.4      175    2.7    85.7
 42    5.5    39.9      109    4.0    72.5      176    2.9    91.4
 43    5.7    34.4      110    4.4    70.9      177    3.4    93.3
 44    5.7    29.2      111    4.8    69.6      178    3.7    92.6
 45    5.7    23.8      112    5.2    68.4      179    2.8    94.3
 46    5.7    18.4      113    5.6    67.4      180    2.6    92.5
 47    5.6    15.2      114    5.9    68.1      181    3.7    85.9
 48    5.1    15.1      115    5.8    69.5      182    4.1    88.5
 49    5.8    18.4      116    5.7    71.0      183    4.4    91.7
 50    6.4    23.4      117    5.6    75.2      184    4.7    88.3
 51    6.5    28.7      118    5.5    80.3      185    4.5    81.6
 52    6.5    33.0      119    5.5    85.4      186    4.5    78.8
 53    6.2    34.2      120    5.4    90.2      187    4.2    79.0
 54    6.0    35.1      121    5.3    95.2      188    4.0    80.5
 55    5.2    34.7      122    5.5    98.1      189    3.1    81.5
 56    4.0    35.4      123    5.7    98.8      190    2.3    71.0
 57    3.9    34.4      124    5.8    99.5      191    2.0    51.8
 58    3.8    33.8      125    5.7    90.2      192    2.0    53.9
 59    3.8    46.6      126    6.0    99.2      193    2.8    66.1
 60    4.2    84.6      127    6.2   104.1      194    2.9    75.0
 61    4.2    90.5      128    5.4    76.7      195    2.7    71.8
 62    4.0    90.8      129    5.0    72.2      196    2.5    62.1
 63    3.8    89.3      130    4.8    77.8      197    3.1    51.0
 64    3.6    86.5      131    4.5    81.4      198    3.2    41.7
 65    2.5    86.8      132    3.9    80.9      199    2.8    34.5
 66    2.3    78.8      133    3.6    80.3
```

```
SNOWBIRD STATION 100     (199M )      25/JUN/75       610 GMT
LAT= 76.5235N  LONG= 152.8837W  LTER=     1.   LGER=     1.
NIVEL=  -2.4   EIVEL=   4.0     NVER=     0    EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    1.7    84.3      134    1.9    51.1
  1    0.0   999.9       68    1.6    88.8      135    2.0    48.5
  2    0.0   999.9       69    1.1    76.7      136    2.0    46.9
  3    0.0   999.9       70    0.8    70.5      137    2.1    45.3
  4    5.3    91.9       71    0.6    59.2      138    2.3    45.0
  5    5.3    87.4       72    0.6    61.6      139    2.2    42.9
  6    5.6    93.4       73    0.7    83.0      140    1.6    35.4
  7    5.4    98.9       74    0.9    96.2      141    0.6    14.9
  8    5.3   100.1       75    1.0   100.9      142    0.7     9.9
  9    5.2    99.0       76    1.0   103.0      143    1.4    25.9
 10    5.1    98.0       77    1.1   104.1      144    1.6    26.9
 11    5.1    91.0       78    1.1   103.5      145    1.5    23.5
 12    4.8    88.9       79    1.0    98.1      146    0.7    10.4
 13    4.4    87.1       80    0.9    90.7      147    1.6    34.8
 14    4.0    93.0       81    0.8    80.4      148    1.9    40.7
 15    3.8    96.5       82    0.7    75.0      149    1.5    42.9
 16    3.5    94.9       83    0.8    69.5      150    1.0    48.9
 17    3.1    94.1       84    1.4    64.1      151    0.8    59.4
 18    2.9    94.4       85    2.4    63.1      152    0.9    44.9
 19    2.8    93.1       86    2.5    65.8      153    1.0    18.6
 20    2.6    91.9       87    2.6    53.7      154    1.0    11.7
 21    2.5    91.2       88    2.5    39.4      155    1.0     9.8
 22    2.4    91.5       89    2.2    48.5      156    1.1     8.6
 23    2.2    95.0       90    2.1    55.4      157    1.1     7.7
 24    1.9   101.8       91    2.0    49.1      158    1.1     7.0
 25    2.1    93.7       92    1.8    43.4      159    1.2     6.2
 26    2.4    86.1       93    1.7    41.3      160    1.2     6.0
 27    2.2    86.7       94    1.6    38.9      161    1.2    13.1
 28    2.1    87.4       95    1.4    36.2      162    1.1    26.2
 29    1.9    88.7       96    1.3    32.9      163    1.1    40.6
 30    1.7    94.9       97    0.9    25.2      164    1.2    53.7
 31    1.6    90.3       98    0.9    34.5      165    1.3    64.7
 32    1.8    79.4       99    0.9    50.4      166    1.3    67.0
 33    2.1    71.5      100    0.8    68.4      167    1.3    59.2
 34    2.5    66.6      101    0.9    88.2      168    1.3    51.5
 35    3.0    59.5      102    0.9   101.2      169    1.3    44.1
 36    3.9    57.7      103    0.9   110.6      170    1.4    41.3
 37    4.8    58.8      104    0.8   120.3      171    1.4    41.3
 38    5.2    57.5      105    0.9   130.2      172    1.4    41.3
 39    5.5    54.7      106    0.8   134.1      173    1.4    41.2
 40    5.5    54.9      107    0.6   141.6      174    1.3    41.1
 41    5.5    54.8      108    0.4   131.0      175    1.3    37.1
 42    5.5    54.7      109    0.3    88.9      176    1.3    30.6
 43    5.7    55.7      110    0.5    40.2      177    1.3    24.8
 44    6.0    57.6      111    1.0    30.3      178    1.2    41.4
 45    5.6    53.5      112    1.5    28.8      179    1.2    58.7
 46    4.9    46.8      113    2.0    31.1      180    1.5    72.4
 47    4.1    38.5      114    2.3    35.7      181    1.4    58.8
 48    5.7    52.8      115    2.6    39.5      182    1.5    50.7
 49    5.5    50.9      116    2.9    42.3      183    1.6    50.7
 50    4.7    43.2      117    2.9    47.5      184    1.6    59.6
 51    4.8    43.4      118    2.9    53.1      185    1.4    72.3
 52    5.5    49.7      119    3.0    58.7      186    1.4    82.0
 53    5.6    50.6      120    3.1    64.1      187    1.6    88.0
 54    5.1    45.4      121    3.0    69.1      188    1.8    93.2
 55    3.8    47.0      122    2.9    70.7      189    1.7    93.3
 56    3.6    60.2      123    2.9    70.7      190    1.7    90.4
 57    3.3    56.7      124    2.8    70.7      191    1.6    87.9
 58    3.3    48.5      125    2.7    70.2      192    1.6    85.1
 59    3.2    40.0      126    2.4    68.8      193    1.5    80.6
 60    3.1    36.9      127    2.4    66.9      194    1.4    73.3
 61    2.8    37.8      128    2.4    64.8      195    1.3    64.1
 62    2.5    39.4      129    2.4    62.6      196    1.2    53.8
 63    2.2    41.8      130    2.0    61.0      197    1.2    42.5
 64    1.9    45.3      131    1.9    58.7      198    1.2    33.7
 65    1.7    50.1      132    1.9    56.2      199    1.2    54.2
 66    1.6    67.2      133    1.9    53.5
```

CAMP SNOWBIRD STATION 101
DATE 25/ 6/75 TIME 2051(GMT)

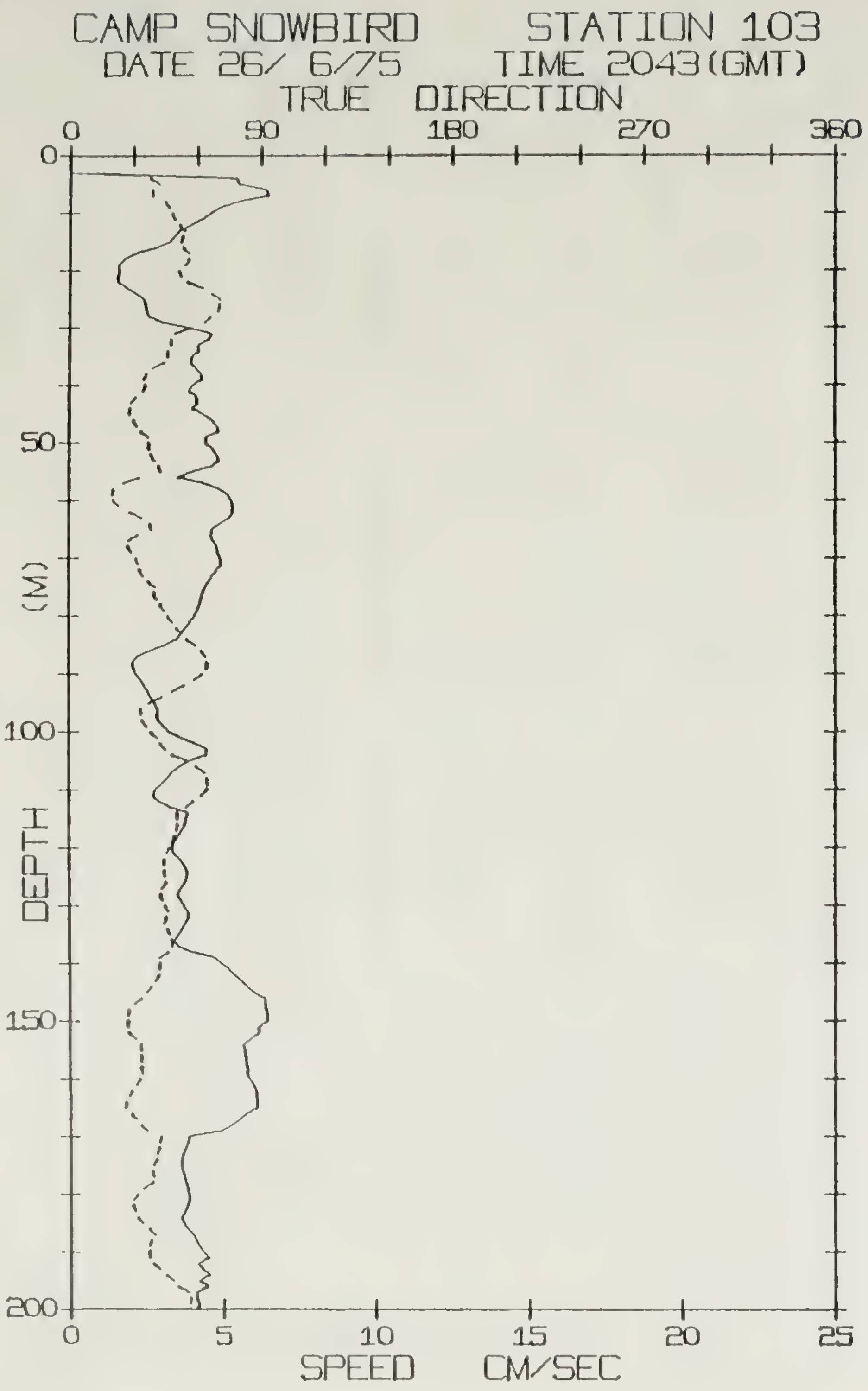


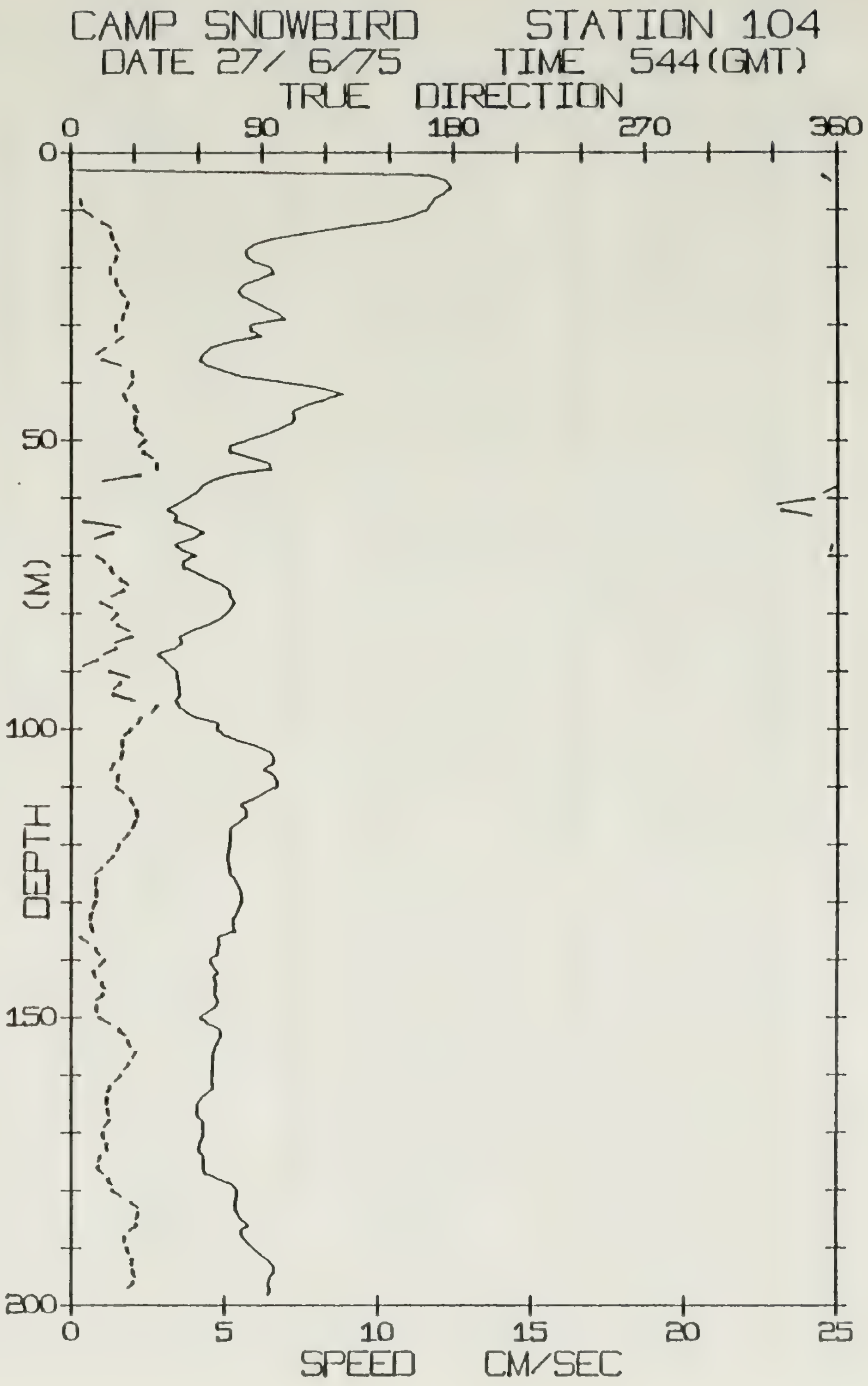
CAMP SNOWBIRD STATION 102
DATE 26/ 6/75 TIME 544(GMT)



```
SNOWBIRD STATION 101     (1YOM )      25/JUN/75      2051 GMT
LAT= 76.5220N  LONG= 152.7627W  LTER=     0   LGER=     0
NIVEL=   1.6   EIVEL=  10.6     NVER=     0   EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    2.1   37.5      134    3.0  101.2
  1    0.0  999.9       68    2.2   38.8      135    3.0  102.6
  2    0.0  999.9       69    2.0   44.4      136    2.9  102.7
  3    0.0  999.9       70    1.9   51.5      137    2.6  106.1
  4    8.8   91.2       71    1.8   57.5      138    2.6  104.8
  5    7.8  129.9       72    1.9   57.8      139    2.6  100.2
  6    7.3  132.4       73    1.8   57.1      140    2.5   91.3
  7    6.7  132.1       74    1.8   56.5      141    2.3   83.6
  8    6.0  131.6       75    2.0   59.6      142    2.3   80.4
  9    5.9  132.7       76    2.5   64.4      143    2.3   82.3
 10    6.2  134.9       77    3.0   69.8      144    2.4   83.8
 11    6.3  134.7       78    3.3   73.5      145    2.5   88.5
 12    6.6  133.6       79    3.5   77.0      146    2.5   90.3
 13    6.4  133.0       80    3.4   77.1      147    2.3   89.3
 14    5.9  142.8       81    2.7   74.5      148    2.2   88.0
 15    5.6  148.4       82    2.5   74.9      149    2.3   86.7
 16    5.2  146.8       83    2.3   75.3      150    2.3   85.7
 17    5.0  143.5       84    2.2   76.8      151    2.4   84.5
 18    4.9  140.0       85    2.0   79.7      152    2.4   83.3
 19    4.9  131.1       86    2.0   85.5      153    2.3   82.2
 20    4.3  132.6       87    2.1   96.1      154    2.0   82.1
 21    3.0  131.2       88    2.3  105.5      155    1.8   78.6
 22    2.8  124.6       89    2.2   95.9      156    1.8   73.0
 23    2.9  117.0       90    2.3   85.5      157    1.8   66.9
 24    2.3  103.9       91    2.5   77.3      158    1.8   61.2
 25    2.7   94.7       92    2.5   70.6      159    1.8   55.6
 26    3.2   92.3       93    2.4   69.1      160    1.9   50.6
 27    3.3   93.2       94    2.4   81.2      161    1.9   47.6
 28    3.3   98.6       95    2.4   82.8      162    1.9   47.2
 29    2.5   90.4       96    2.5   81.7      163    1.9   49.3
 30    2.3   80.2       97    2.6  100.9      164    2.1   51.9
 31    2.5   81.7       98    3.1  113.1      165    2.2   54.3
 32    2.4   87.2       99    3.1  111.3      166    2.3   56.4
 33    2.6   83.8      100    2.8  101.3      167    2.4   58.6
 34    2.9   85.2      101    2.5   94.7      168    2.4   59.7
 35    3.1   91.0      102    2.1   75.5      169    2.2   58.2
 36    3.0   95.0      103    2.6   74.7      170    2.0   59.2
 37    2.7   96.5      104    3.1   93.4      171    2.2   63.6
 38    2.7   99.2      105    3.7   98.2      172    2.4   66.8
 39    2.4  103.4      106    4.0   98.9      173    2.2   68.4
 40    1.9  109.0      107    3.7   99.9      174    2.3   70.3
 41    2.4  103.8      108    3.6   93.6      175    2.3   89.9
 42    2.5  100.9      109    3.6   75.5      176    2.4   98.8
 43    2.3  104.5      110    3.7   76.4      177    2.3   99.5
 44    1.9  105.5      111    3.7   76.3      178    2.3   99.9
 45    1.9  112.3      112    2.8   84.3      179    2.2  100.6
 46    2.4  130.4      113    2.9   96.9      180    2.2  100.8
 47    3.0  138.0      114    3.1   92.0      181    2.3   97.6
 48    3.2  142.8      115    3.0   90.2      182    2.5   94.5
 49    2.9  146.9      116    2.8   92.2      183    2.7   92.1
 50    2.9  145.8      117    3.0   93.5      184    2.7   90.9
 51    3.1  142.3      118    3.2   94.6      185    2.7   90.0
 52    3.6  141.5      119    3.4   95.6      186    2.7   88.9
 53    3.6  141.0      120    3.6   95.1      187    2.7   87.0
 54    3.5  145.1      121    3.7   93.3      188    2.7   81.1
 55    3.6  142.1      122    3.6   92.5      189    2.7   75.5
 56    3.2  149.4      123    3.5   91.8      190    2.7   73.3
 57    2.6  159.1      124    3.5   89.1      191    2.7   73.1
 58    2.2  155.8      125    3.5   85.1      192    2.7   74.2
 59    2.0  140.9      126    3.5   82.7      193    2.2   73.6
 60    1.9  124.9      127    3.3   79.8      194    2.5   76.0
 61    2.0  110.3      128    3.0   76.3      195    2.4   78.3
 62    1.6   92.6      129    2.8   74.2      196    1.9   85.1
 63    1.3   62.8      130    2.8   83.3      197    1.5   86.4
 64    1.6   38.3      131    2.8   91.0      198    1.2   73.6
 65    1.9   32.9      132    2.9   95.4
 66    2.1   36.3      133    3.0   99.3
```

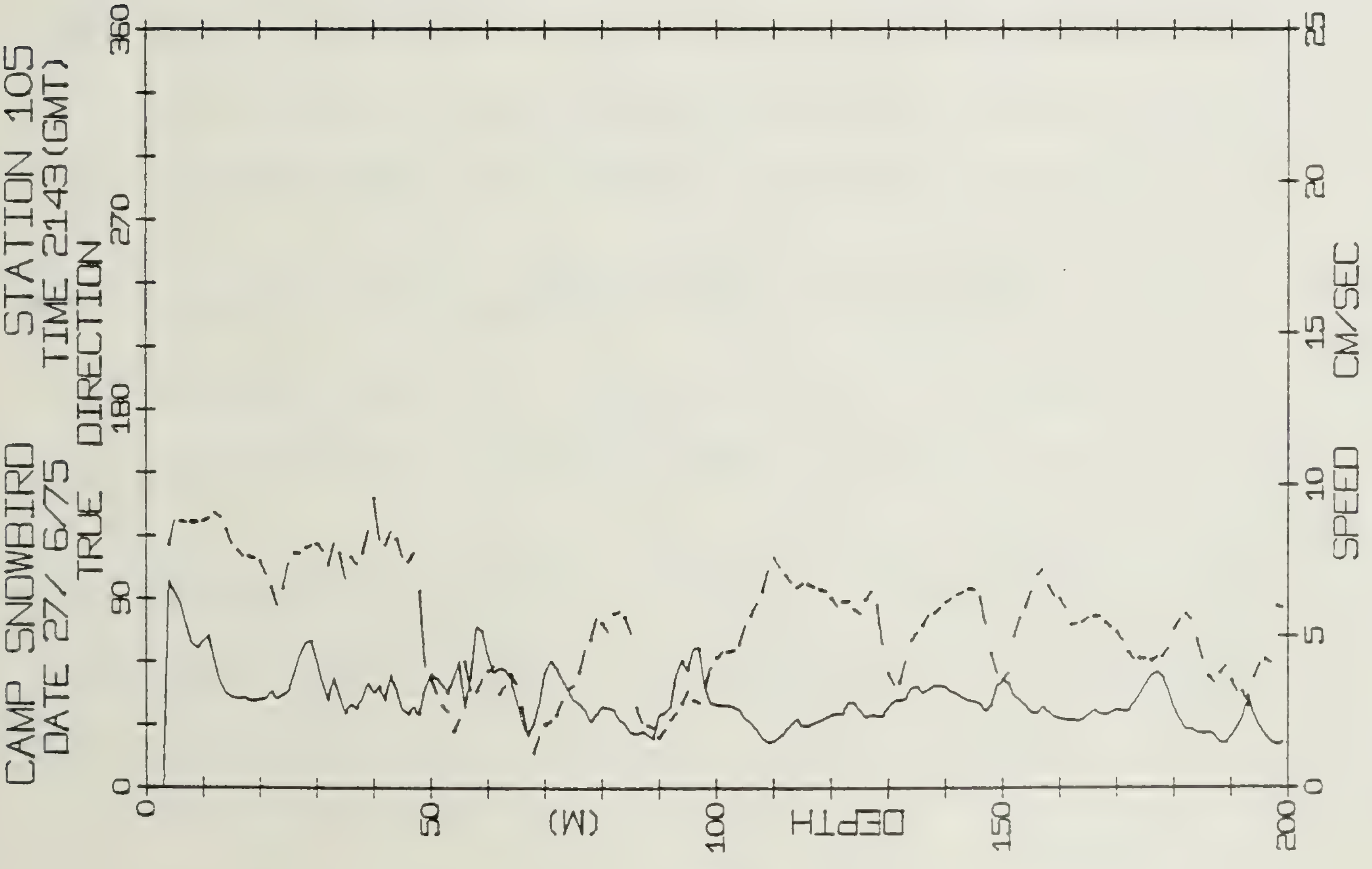
```
SNOWBIRD STATION 102     (1YOM.)      26/JUN/75       544 GMT
LAT= 76.5271N  LONG= 152.6401W  LTER=     0   LGER=     0
NIVEL=  -0.7   EIVEL=   7.8     NVER=     0   EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    1.4   63.0      134    2.8   46.2
  1    0.0  999.9       68    1.1   60.2      135    2.5   47.6
  2    0.0  999.9       69    0.7   55.4      136    2.5   50.6
  3    0.0  999.9       70    0.3   20.5      137    2.3   51.0
  4    4.3  143.0       71    0.4  271.0      138    2.2   49.9
  5    4.0  143.7       72    0.3  191.5      139    2.1   46.2
  6    3.6  144.5       73    0.8  142.5      140    1.9   48.6
  7    3.1  147.6       74    1.5  133.9      141    1.7   52.4
  8    2.8  147.9       75    1.8  137.8      142    1.4   55.1
  9    2.7  148.6       76    2.1  141.5      143    1.1   54.2
 10    2.7  150.1       77    2.6  142.0      144    0.8   47.1
 11    2.7  150.4       78    3.2  141.0      145    0.7   44.0
 12    2.4  149.4       79    3.0  140.1      146    0.8   52.8
 13    1.8  140.4       80    2.6  137.7      147    0.9   62.7
 14    1.4  116.0       81    1.8  133.6      148    0.6   52.3
 15    1.3   85.0       82    1.2  117.5      149    0.7   57.0
 16    1.4   65.8       83    1.0   86.4      150    1.1   80.9
 17    1.4   70.2       84    1.2   79.9      151    1.3   83.2
 18    1.5   87.3       85    1.4   87.9      152    1.2   77.3
 19    2.1   69.3       86    1.6   96.6      153    1.5   51.5
 20    2.9   62.2       87    1.8  103.7      154    2.0   50.2
 21    3.4   60.2       88    2.0  102.1      155    2.1   54.5
 22    3.5   60.2       89    2.1   96.1      156    2.4   50.6
 23    3.5   60.6       90    2.1   89.4      157    2.4   53.3
 24    3.3   63.0       91    2.0   86.4      158    2.3   58.4
 25    3.0   68.3       92    1.8   88.2      159    2.3   62.8
 26    2.8   74.3       93    1.9   87.7      160    2.6   61.2
 27    2.7   79.6       94    1.9   86.0      161    2.7   62.0
 28    2.5   84.5       95    1.9   83.4      162    2.6   61.8
 29    2.4   92.5       96    2.0   83.1      163    2.5   61.6
 30    2.3   93.4       97    1.9   86.2      164    2.3   58.2
 31    2.2   85.1       98    1.8   90.8      165    2.2   59.8
 32    2.4   68.6       99    1.7   98.1      166    2.2   61.1
 33    2.6   60.0      100    1.6   96.0      167    2.2   59.8
 34    2.6   59.6      101    1.6   81.2      168    2.3   57.7
 35    2.6   60.0      102    1.8   68.2      169    2.3   53.9
 36    2.6   58.7      103    1.9   65.4      170    2.3   50.9
 37    2.9   54.1      104    1.8   67.5      171    2.4   49.7
 38    2.8   61.1      105    1.8   69.8      172    2.6   50.9
 39    3.0   62.5      106    1.8   72.0      173    2.7   51.9
 40    3.1   61.1      107    1.7   75.0      174    2.9   53.1
 41    2.8   67.7      108    1.7   79.3      175    2.8   55.7
 42    2.6   83.9      109    1.6   83.6      176    2.4   57.0
 43    2.9   59.8      110    1.5   86.4      177    2.1   60.1
 44    2.8   58.2      111    1.4   83.1      178    1.9   58.0
 45    2.4   64.6      112    1.4   78.9      179    1.5   48.0
 46    2.4   75.5      113    1.6   78.0      180    1.5   48.9
 47    2.5   78.3      114    1.8   77.4      181    1.7   47.5
 48    2.5   77.3      115    1.6   73.8      182    1.7   46.0
 49    2.5   75.1      116    1.4   70.4      183    1.9   52.6
 50    2.7   66.9      117    1.5   72.2      184    2.2   59.2
 51    3.0   62.1      118    1.8   72.0      185    2.5   63.4
 52    3.0   59.1      119    1.9   64.9      186    2.5   67.7
 53    2.7   59.0      120    2.0   56.7      187    2.2   67.1
 54    2.4   57.4      121    1.8   51.8      188    2.0   61.4
 55    2.1   48.1      122    2.3   45.5      189    2.4   50.8
 56    1.7   35.3      123    2.8   49.8      190    2.4   49.4
 57    0.7   70.5      124    3.4   49.7      191    1.8   40.5
 58    0.7   68.6      125    3.6   52.0      192    1.3   29.0
 59    0.6   55.4      126    3.8   54.4      193    1.8   45.1
 60    0.7   26.0      127    3.7   55.9      194    1.9   46.3
 61    1.2   21.6      128    3.3   52.2      195    1.9   43.1
 62    1.6   27.0      129    3.1   50.0      196    2.1   33.5
 63    1.6   33.9      130    3.3   46.5      197    2.6   30.9
 64    1.6   35.2      131    3.7   46.4      198    2.8   43.5
 65    1.6   46.0      132    3.8   47.4
 66    1.7   61.5      133    3.2   46.6
```

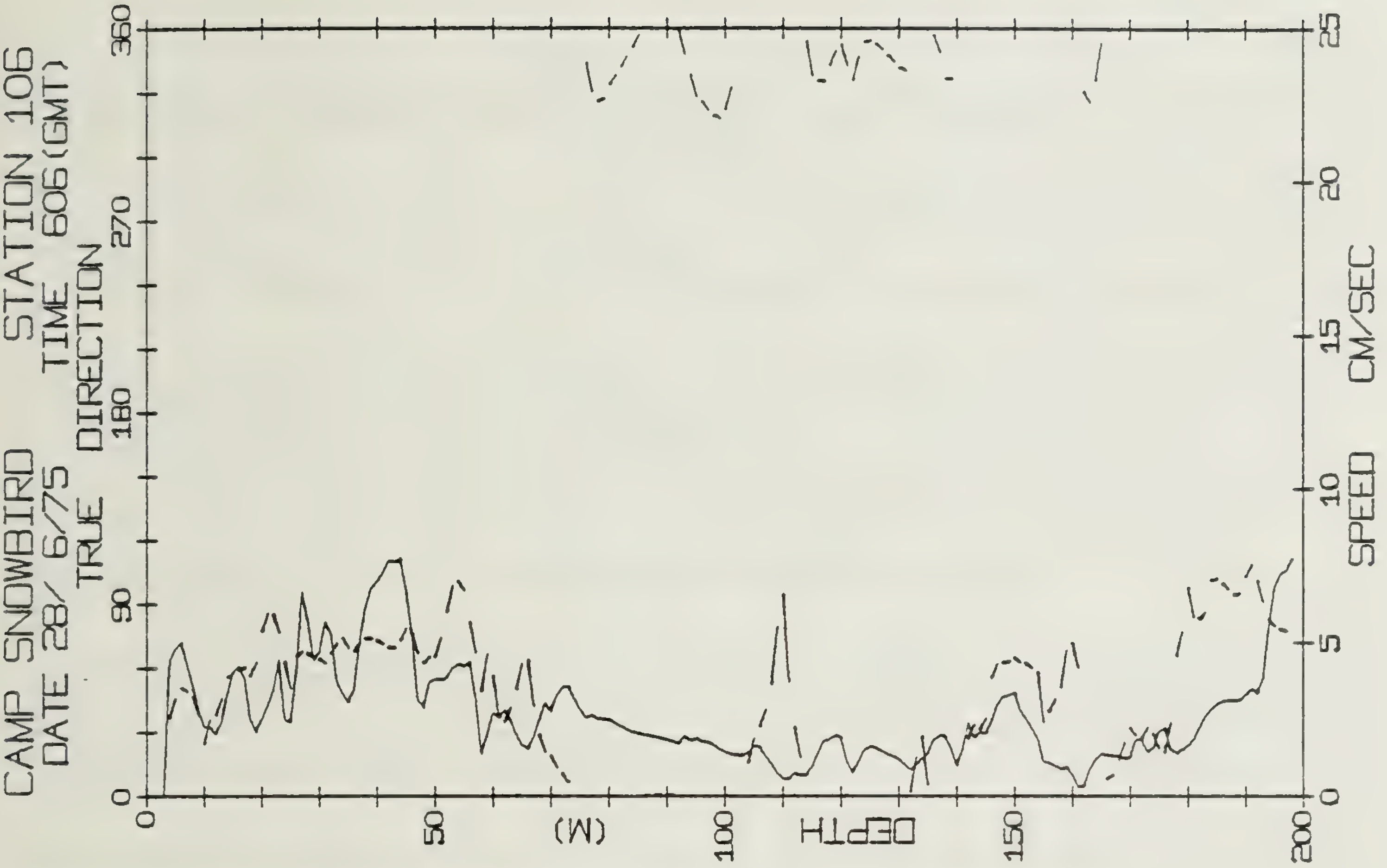

CAMP SNOWBIRD STATION 103
DATE 26/ 6/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 104
DATE 27/ 6/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 103     (200M )      26/JUN/75      2043 GMT
LAT= 76.5357N  LONG= 152.6242W  LTER=     0   LCER=     0
NIVEL=   5.4   EIVEL=  -1.8     NVER=     0   EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   4.7   27.8      134   3.7   46.1
  1   0.0  999.9       68   4.8   27.7      135   3.6   47.6
  2   0.0  999.9       69   4.9   29.2      136   3.4   48.5
  3   0.0  999.9       70   4.9   31.2      137   3.5   48.4
  4   5.5   38.0       71   4.9   32.6      138   4.0   46.6
  5   5.5   41.8       72   4.8   33.2      139   4.7   42.2
  6   6.4   38.4       73   4.7   34.7      140   5.0   42.4
  7   6.5   38.9       74   4.5   37.3      141   5.2   42.6
  8   5.5   44.7       75   4.4   40.0      142   5.4   41.6
  9   4.9   46.5       76   4.3   39.8      143   5.6   40.2
 10   4.6   48.1       77   4.3   41.1      144   5.8   38.3
 11   4.3   49.5       78   4.2   42.8      145   6.0   36.3
 12   4.0   51.7       79   4.2   44.6      146   6.4   33.7
 13   3.6   53.7       80   4.1   46.5      147   6.4   30.7
 14   3.4   53.1       81   3.9   48.5      148   6.4   27.9
 15   3.2   52.3       82   3.8   50.6      149   6.5   27.3
 16   2.8   53.6       83   3.7   52.9      150   6.4   27.4
 17   2.2   55.9       84   3.5   55.6      151   6.2   27.5
 18   1.8   56.3       85   3.1   59.5      152   6.2   27.8
 19   1.6   54.5       86   2.6   62.2      153   5.9   31.0
 20   1.6   51.6       87   2.2   64.1      154   5.7   33.4
 21   1.6   52.3       88   2.1   65.1      155   5.7   33.5
 22   1.6   55.6       89   2.1   64.6      156   5.7   33.7
 23   1.8   62.4       90   2.2   62.5      157   5.8   33.8
 24   2.1   67.1       91   2.3   58.8      158   5.8   33.7
 25   2.4   70.3       92   2.5   53.8      159   5.8   34.1
 26   2.5   70.7       93   2.6   48.9      160   5.9   32.9
 27   2.5   69.5       94   2.7   43.3      161   6.0   31.3
 28   2.6   66.2       95   2.8   37.5      162   6.1   29.0
 29   3.0   63.7       96   2.9   33.6      163   6.1   27.7
 30   3.9   57.2       97   2.9   33.9      164   6.1   26.6
 31   4.6   49.8       98   2.9   34.7      165   6.1   26.0
 32   4.5   48.0       99   3.1   36.1      166   5.8   29.0
 33   4.2   48.0      100   3.3   38.5      167   5.5   31.0
 34   4.2   46.2      101   3.7   41.2      168   5.3   33.4
 35   4.0   45.9      102   4.1   42.9      169   4.9   36.0
 36   4.0   44.4      103   4.5   45.0      170   3.9   42.6
 37   4.1   39.2      104   4.5   48.9      171   3.8   41.9
 38   4.3   36.0      105   3.9   55.7      172   3.8   41.3
 39   4.3   34.9      106   3.6   59.8      173   3.7   40.8
 40   4.0   35.5      107   3.4   63.6      174   3.6   40.1
 41   3.9   34.4      108   3.2   64.8      175   3.7   39.0
 42   4.2   31.1      109   3.0   65.2      176   3.7   38.4
 43   4.2   29.0      110   2.8   64.6      177   3.7   39.4
 44   4.0   28.1      111   2.7   62.2      178   3.8   38.4
 45   4.4   28.1      112   2.9   58.3      179   3.8   34.5
 46   4.6   30.1      113   3.3   55.0      180   3.9   31.4
 47   4.8   31.5      114   3.9   50.7      181   3.9   29.6
 48   4.9   33.5      115   3.8   51.1      182   3.8   29.6
 49   4.5   36.9      116   3.8   50.8      183   3.7   30.6
 50   4.5   37.6      117   3.7   50.5      184   3.6   31.7
 51   4.7   37.3      118   3.5   49.6      185   3.7   33.8
 52   4.8   38.4      119   3.4   48.6      186   3.8   37.0
 53   4.9   39.9      120   3.4   47.2      187   4.0   39.3
 54   4.7   42.1      121   3.4   45.5      188   4.1   38.1
 55   4.0   43.1      122   3.6   44.6      189   4.2   37.0
 56   3.6   32.8      123   3.8   44.5      190   4.3   37.1
 57   4.4   25.6      124   3.9   44.5      191   4.5   37.6
 58   4.9   20.8      125   3.8   45.0      192   4.2   39.0
 59   5.2   20.2      126   3.8   45.5      193   4.3   41.8
 60   5.3   20.9      127   3.6   43.5      194   4.5   45.0
 61   5.4   23.1      128   3.5   42.4      195   4.2   48.3
 62   5.3   28.7      129   3.6   43.6      196   4.5   50.8
 63   5.2   33.7      130   3.8   45.0      197   4.1   55.3
 64   4.9   38.1      131   3.9   46.5      198   4.1   56.8
 65   4.7   38.7      132   3.9   45.7      199   4.2   56.0
 66   4.6   32.2      133   3.8   44.7      200   4.1   52.0
```

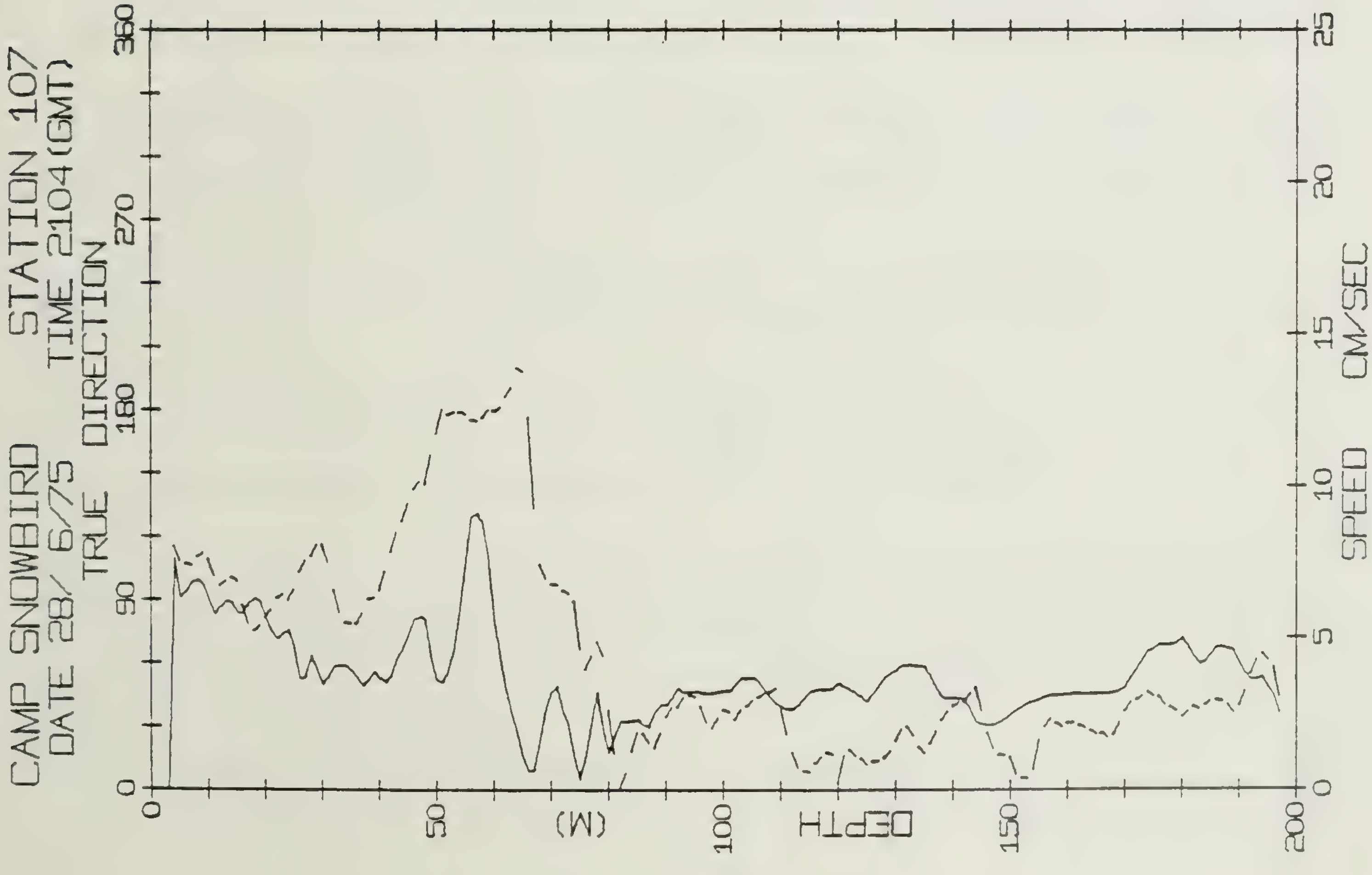
```
SNOWBIRD STATION 104     (190M )      27/JUN/75       544 GMT
LAT= 76.5571N  LONG= 152.6984W  LTER=     0   LCER=     0
NIVEL=  10.7   EIVEL=  -4.3     NVER=     0.  EVER=     0

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   4.0   11.4      134   5.3    9.6
  1   0.0  999.9       68   3.4  357.3      135   5.4   10.5
  2   0.0  999.9       69   3.6  356.7      136   4.8    4.5
  3   0.0  999.9       70   4.1   12.2      137   4.8    8.4
  4  11.7  353.8       71   3.7   15.8      138   4.8   11.7
  5  12.3  357.1       72   3.6   18.7      139   4.8   13.5
  6  12.4  359.3       73   4.1   19.9      140   4.5   15.5
  7  12.2    2.0       74   4.5   23.0      141   4.6   13.5
  8  11.9    4.5       75   4.9   26.8      142   4.8   10.7
  9  11.7    5.5       76   5.2   24.8      143   4.7   11.7
 10  11.6    6.5       77   5.2   19.2      144   4.7   14.4
 11  11.2   10.3       78   5.3   13.8      145   4.7   16.2
 12  10.4   14.9       79   5.2   19.0      146   4.7   14.8
 13   9.0   19.0       80   5.1   21.6      147   4.8   12.1
 14   7.8   19.4       81   4.8   19.5      148   4.7   12.0
 15   6.6   20.1       82   4.5   21.8      149   4.5   12.5
 16   6.0   21.3       83   3.9   27.5      150   4.2   13.5
 17   5.7   22.8       84   3.6   28.6      151   4.5   18.2
 18   5.7   21.6       85   3.6   20.8      152   4.9   22.8
 19   5.9   20.6       86   3.4   21.1      153   4.9   25.2
 20   6.5   18.7       87   2.8   15.9      154   4.8   26.7
 21   6.6   18.6       88   3.0   12.4      155   4.7   28.1
 22   6.2   21.3       89   3.2    6.1      156   4.6   30.2
 23   5.6   22.1       90   3.4   18.1      157   4.6   28.8
 24   5.5   23.5       91   3.5   27.3      158   4.6   26.9
 25   5.6   25.4       92   3.5   23.3      159   4.6   25.1
 26   6.0   26.7       93   3.5   20.3      160   4.6   23.4
 27   6.3   26.1       94   3.5   19.8      161   4.6   20.9
 28   6.8   24.8       95   3.4   29.5      162   4.6   18.4
 29   7.0   24.0       96   3.5   40.3      163   4.5   16.8
 30   5.9   21.3       97   3.7   38.2      164   4.2   16.6
 31   5.9   21.6       98   4.1   32.6      165   4.1   16.8
 32   6.2   24.3       99   4.8   31.1      166   4.1   17.3
 33   5.2   21.2      100   4.8   28.0      167   4.1   18.1
 34   4.6   15.9      101   5.0   25.3      168   4.3   17.6
 35   4.3   12.1      102   5.4   24.4      169   4.3   15.7
 36   4.2   14.9      103   6.1   24.4      170   4.3   14.8
 37   4.4   23.5      104   6.5   24.2      171   4.2   15.5
 38   5.0   28.7      105   6.6   23.3      172   4.2   16.7
 39   5.6   29.0      106   6.6   20.0      173   4.2   17.1
 40   6.9   28.6      107   6.3   18.8      174   4.3   13.8
 41   8.2   26.7      108   6.6   22.1      175   4.3   12.7
 42   8.9   24.9      109   6.7   21.8      176   4.3   12.4
 43   8.3   26.1      110   6.7   21.2      177   4.4   14.9
 44   7.6   29.6      111   6.3   24.9      178   4.8   17.4
 45   7.2   31.2      112   6.0   27.8      179   5.3   19.2
 46   7.3   30.2      113   5.5   29.5      180   5.4   19.7
 47   7.2   29.8      114   5.7   30.6      181   5.4   23.2
 48   6.8   30.7      115   5.7   31.5      182   5.3   28.2
 49   6.3   33.6      116   5.5   30.2      183   5.4   31.3
 50   5.7   35.0      117   5.2   28.7      184   5.4   31.5
 51   5.2   32.0      118   5.2   27.3      185   5.5   30.3
 52   5.2   34.0      119   5.2   24.8      186   5.8   30.5
 53   5.8   38.2      120   5.2   22.7      187   5.6   27.6
 54   6.5   40.5      121   5.1   21.3      188   5.6   25.3
 55   6.5   40.7      122   5.1   19.9      189   5.7   25.1
 56   5.2   32.3      123   5.1   17.4      190   5.9   26.3
 57   4.6   15.3      124   5.2   14.6      191   6.2   27.5
 58   4.3  358.9      125   5.2   11.9      192   6.4   28.6
 59   4.1  354.0      126   5.3   11.7      193   6.6   28.4
 60   3.8  348.7      127   5.4   11.9      194   6.6   29.1
 61   3.5  332.0      128   5.5   12.1      195   6.5   30.2
 62   3.1  333.6      129   5.6   11.9      196   6.4   29.0
 63   3.4  347.8      130   5.5   11.2      197   6.5   26.8
 64   3.4    6.1      131   5.5   10.3      198   6.4   21.8
 65   3.9   22.7      132   5.4    9.5
 66   4.3   19.6      133   5.3    9.1
```

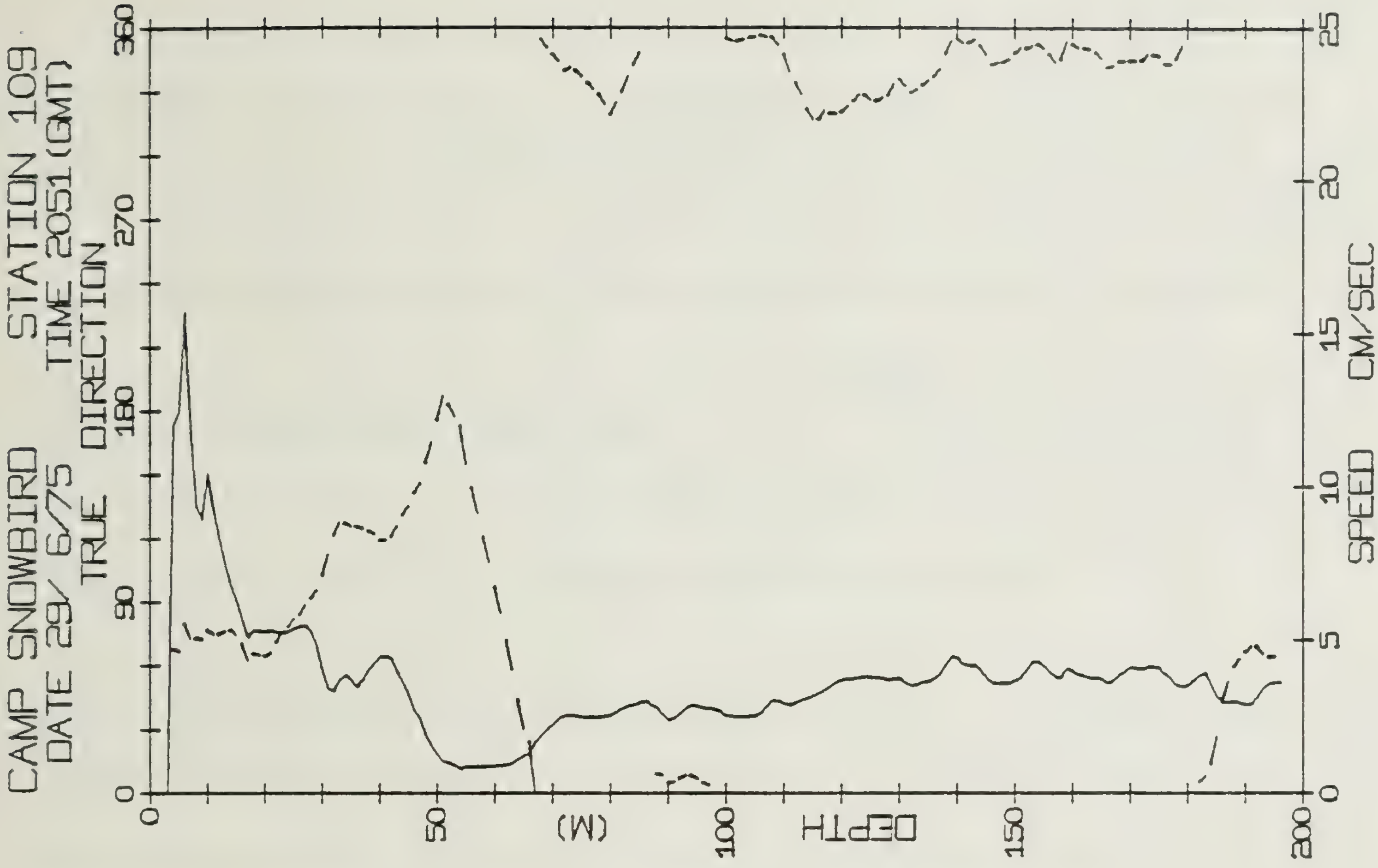

CAMP SNOWBIRD STATION 105
DATE 27/ 6/75 TIME 2143(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 106
DATE 28/ 6/75 TIME 606(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 105     (199M )     27/JUN/75     2143 GMT
LAT= 76.5799N  LONG= 152.5822W  LTER=     1   LCER=     1
NIVEL=   1.4   EIVEL=   0.7     NVER=     0   EVER=     0

 DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
   0   0.0  999.9        67   1.7   25.8       134   3.3   70.2
   1   0.0  999.9        68   2.1   17.0       135   3.4   73.7
   2   0.0  999.9        69   2.8   24.8       136   3.1   77.7
   3   0.0  999.9        70   3.8   30.6       137   3.2   82.1
   4   6.8  115.4        71   4.2   32.2       138   3.4   83.3
   5   6.5  126.7        72   4.0   34.8       139   3.4   85.6
   6   6.1  126.7        73   3.6   41.4       140   3.3   88.4
   7   5.4  126.0        74   3.3   47.0       141   3.2   90.4
   8   4.8  126.4        75   2.9   48.9       142   3.1   91.8
   9   4.6  126.5        76   2.8   55.2       143   3.0   93.3
  10   4.8  127.0        77   2.6   65.5       144   2.9   94.8
  11   5.0  128.5        78   2.2   70.6       145   2.8   94.1
  12   4.2  130.4        79   2.4   80.6       146   2.8   90.7
  13   3.5  128.8        80   2.7   78.9       147   2.6   78.5
  14   3.1  123.1        81   2.6   74.7       148   2.7   64.0
  15   3.0  116.3        82   2.6   83.4       149   3.4   55.2
  16   2.9  113.1        83   2.3   84.1       150   3.5   52.0
  17   3.0  110.4        84   2.1   81.8       151   3.5   54.6
  18   2.9  110.0        85   1.8   73.9       152   3.0   72.3
  19   2.9  109.4        86   1.8   38.4       153   2.9   80.5
  20   2.9  107.7        87   1.9   31.5       154   2.7   86.2
  21   3.0  101.7        88   1.8   30.0       155   2.5   93.3
  22   3.2   95.7        89   1.6   28.5       156   2.5  101.4
  23   3.0   87.3        90   2.4   24.2       157   2.7  103.7
  24   3.1   94.8        91   2.5   27.9       158   2.5   96.3
  25   3.2  106.9        92   2.7   32.9       159   2.4   91.6
  26   3.8  111.7        93   3.8   35.8       160   2.3   89.9
  27   4.4  112.0        94   4.3   40.6       161   2.2   85.8
  28   4.8  114.3        95   3.9   45.8       162   2.2   77.8
  29   4.9  115.6        96   4.6   41.8       163   2.2   78.4
  30   4.2  116.3        97   4.6   40.8       164   2.3   79.5
  31   3.5  113.3        98   3.3   48.5       165   2.4   81.0
  32   2.9  106.5        99   2.8   57.3       166   2.6   81.9
  33   3.6  116.3       100   2.7   62.3       167   2.5   81.6
  34   3.0  111.7       101   2.7   64.6       168   2.4   78.8
  35   2.5   99.8       102   2.7   65.2       169   2.5   76.5
  36   2.8  109.7       103   2.7   66.0       170   2.6   74.0
  37   2.6  106.8       104   2.6   68.4       171   2.5   70.1
  38   2.9  111.9       105   2.3   76.9       172   2.5   64.6
  39   3.5  121.9       106   2.2   82.4       173   2.8   61.1
  40   3.2  130.0       107   2.0   87.8       174   3.1   61.6
  41   3.3  118.3       108   1.7   93.7       175   3.4   61.4
  42   2.9  115.9       109   1.5  103.5       176   3.7   60.6
  43   3.7  121.9       110   1.6  109.8       177   3.8   62.1
  44   3.2  118.7       111   1.7  105.3       178   3.7   62.8
  45   2.6  110.2       112   1.9  101.5       179   3.2   66.2
  46   2.5  108.3       113   2.1   98.2       180   2.6   75.5
  47   2.7  112.1       114   2.3   95.0       181   2.3   79.8
  48   2.4   93.6       115   2.1   97.3       182   2.0   82.8
  49   3.3   58.6       116   2.1   96.8       183   1.9   80.2
  50   3.8   52.5       117   2.2   95.6       184   1.8   70.3
  51   3.6   45.2       118   2.2   94.5       185   1.8   61.6
  52   3.4   39.1       119   2.3   93.5       186   1.8   53.0
  53   3.1   36.5       120   2.4   90.3       187   1.8   50.3
  54   3.6   27.2       121   2.5   87.1       188   1.5   54.8
  55   4.2   32.3       122   2.5   88.6       189   1.5   57.8
  56   2.7   60.5       123   2.8   89.0       190   1.7   51.1
  57   3.6   46.9       124   2.8   85.0       191   2.0   46.0
  58   5.3   45.9       125   2.6   83.2       192   2.3   45.5
  59   5.2   51.7       126   2.4   89.7       193   3.1   38.6
  60   4.4   55.8       127   2.4   93.5       194   2.4   52.6
  61   3.8   57.8       128   2.4   87.3       195   2.0   58.6
  62   4.0   44.9       129   2.4   68.7       196   1.7   60.9
  63   3.9   48.7       130   2.7   54.9       197   1.5   59.5
  64   3.6   54.3       131   2.9   49.6       198   1.4   86.3
  65   2.9   49.9       132   2.9   50.2       199   1.5   85.5
  66   2.2   38.8       133   3.0   60.3
```

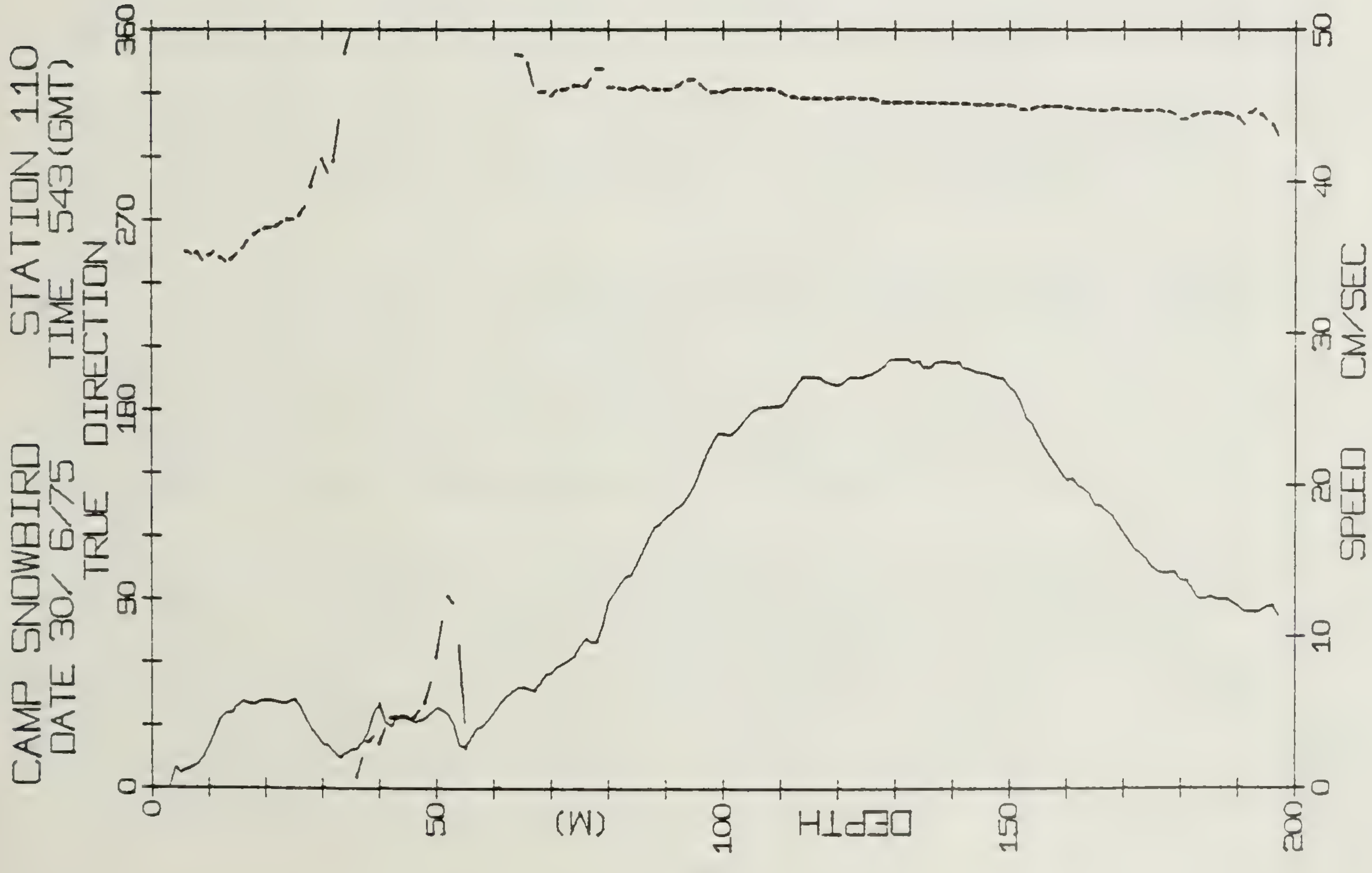
```
SNOWBIRD STATION 106     (198M.)     28/JUN/75      606 GMT
LAT= 76.5944N  LONG= 152.5656W  LTER=    1.   LCER=     2
NIVEL=   9.7   EIVEL=   1.8     NVER=    0.   EVER=     0

 DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
   0   0.0  999.9        67   1.9   42.7       134   1.2   27.7
   1   0.0  999.9        68   2.5   28.8       135   1.4    5.8
   2   0.0  999.9        69   3.1   21.2       136   1.8  356.9
   3   0.0  999.9        70   2.8   19.0       137   2.0  349.5
   4   4.4   37.3        71   3.3   13.9       138   1.9  336.7
   5   4.8   45.6        72   3.5   10.3       139   1.6  336.3
   6   5.0   50.5        73   3.6    6.7       140   1.0  354.7
   7   4.3   49.5        74   3.2    1.3       141   1.5   29.2
   8   3.6   46.8        75   2.8  350.9       142   2.4   27.6
   9   2.8   38.1        76   2.6  343.5       143   1.9   33.4
  10   2.3   24.9        77   2.7  330.8       144   2.1   31.4
  11   2.2   35.8        78   2.5  325.9       145   2.1   36.5
  12   2.0   38.5        79   2.5  327.2       146   2.4   55.8
  13   2.4   45.7        80   2.5  333.7       147   3.0   62.1
  14   3.3   56.0        81   2.4  337.7       148   3.3   62.9
  15   4.1   57.9        82   2.3  342.2       149   3.3   63.5
  16   4.2   59.3        83   2.2  346.7       150   3.4   65.1
  17   3.8   60.5        84   2.1  351.4       151   2.8   62.7
  18   2.5   56.9        85   2.0  356.8       152   2.5   61.8
  19   2.1   62.7        86   2.0    0.5       153   2.2   60.3
  20   2.5   77.5        87   2.0    0.8       154   1.9   57.8
  21   3.0   85.6        88   1.9    1.0       155   1.2   34.9
  22   3.5   85.0        89   1.9    0.7       156   1.1   40.1
  23   4.4   77.2        90   1.8    0.8       157   1.0   45.7
  24   2.5   62.8        91   1.8    0.9       158   0.9   51.5
  25   2.4   50.9        92   1.7  358.5       159   0.9   68.7
  26   4.0   66.0        93   2.0  348.1       160   0.7   71.9
  27   6.6   67.9        94   1.8  338.2       161   0.3   60.7
  28   5.7   66.8        95   1.9  328.5       162   0.3  330.6
  29   4.4   65.0        96   1.8  325.7       163   0.9  326.0
  30   4.7   64.2        97   1.7  321.9       164   1.2  336.0
  31   5.7   62.6        98   1.7  319.2       165   1.4  353.7
  32   5.3   67.3        99   1.5  317.6       166   1.3    8.7
  33   3.8   71.5       100   1.4  322.2       167   1.3   10.2
  34   3.4   74.4       101   1.4  332.0       168   1.3   17.4
  35   3.1   70.1       102   1.3  344.7       169   1.2   24.8
  36   3.5   68.7       103   1.3    3.6       170   1.3   31.8
  37   5.1   72.0       104   1.4   16.4       171   1.8   28.5
  38   6.2   74.0       105   1.6   26.7       172   1.8   27.5
  39   6.8   74.0       106   1.6   33.0       173   1.5   32.0
  40   7.0   72.9       107   1.3   40.8       174   1.6   28.9
  41   7.3   71.5       108   1.1   53.1       175   2.1   22.8
  42   7.7   70.1       109   0.8   79.1       176   2.2   21.3
  43   7.6   69.5       110   0.6   94.4       177   1.5   34.2
  44   7.7   73.2       111   0.6   54.1       178   1.4   66.4
  45   6.7   78.5       112   0.7   32.2       179   1.5   77.0
  46   5.3   76.3       113   0.7   18.7       180   1.7   97.6
  47   3.2   67.4       114   0.7  353.8       181   1.9   84.1
  48   2.9   62.8       115   1.0  338.2       182   2.2   83.3
  49   3.7   65.5       116   1.4  335.8       183   2.6   86.2
  50   3.8   66.2       117   1.8  335.1       184   2.8  101.4
  51   3.8   74.3       118   1.9  342.6       185   3.0  102.4
  52   3.9   86.5       119   2.0  349.4       186   3.1  100.0
  53   4.2   98.6       120   1.9  352.3       187   3.1   97.4
  54   4.3  100.6       121   1.2  343.0       188   3.1   94.8
  55   4.2   96.8       122   0.8  336.2       189   3.2   95.4
  56   4.4   81.4       123   1.1  346.8       190   3.3  103.3
  57   3.2   68.0       124   1.5  353.8       191   3.5  108.3
  58   1.4   50.0       125   1.6  354.6       192   3.4  101.2
  59   2.0   66.3       126   1.6  352.7       193   3.9   91.4
  60   2.7   56.4       127   1.5  350.5       194   5.6   83.2
  61   2.6   37.3       128   1.4  347.6       195   6.8   80.0
  62   2.8   35.3       129   1.3  344.8       196   7.3   78.2
  63   2.5   41.5       130   1.2  341.6       197   7.4   77.4
  64   2.0   50.6       131   1.1  340.3       198   7.7   76.2
  65   1.7   62.0       132   0.9    2.4
  66   1.5   63.4       133   1.0   18.3
```

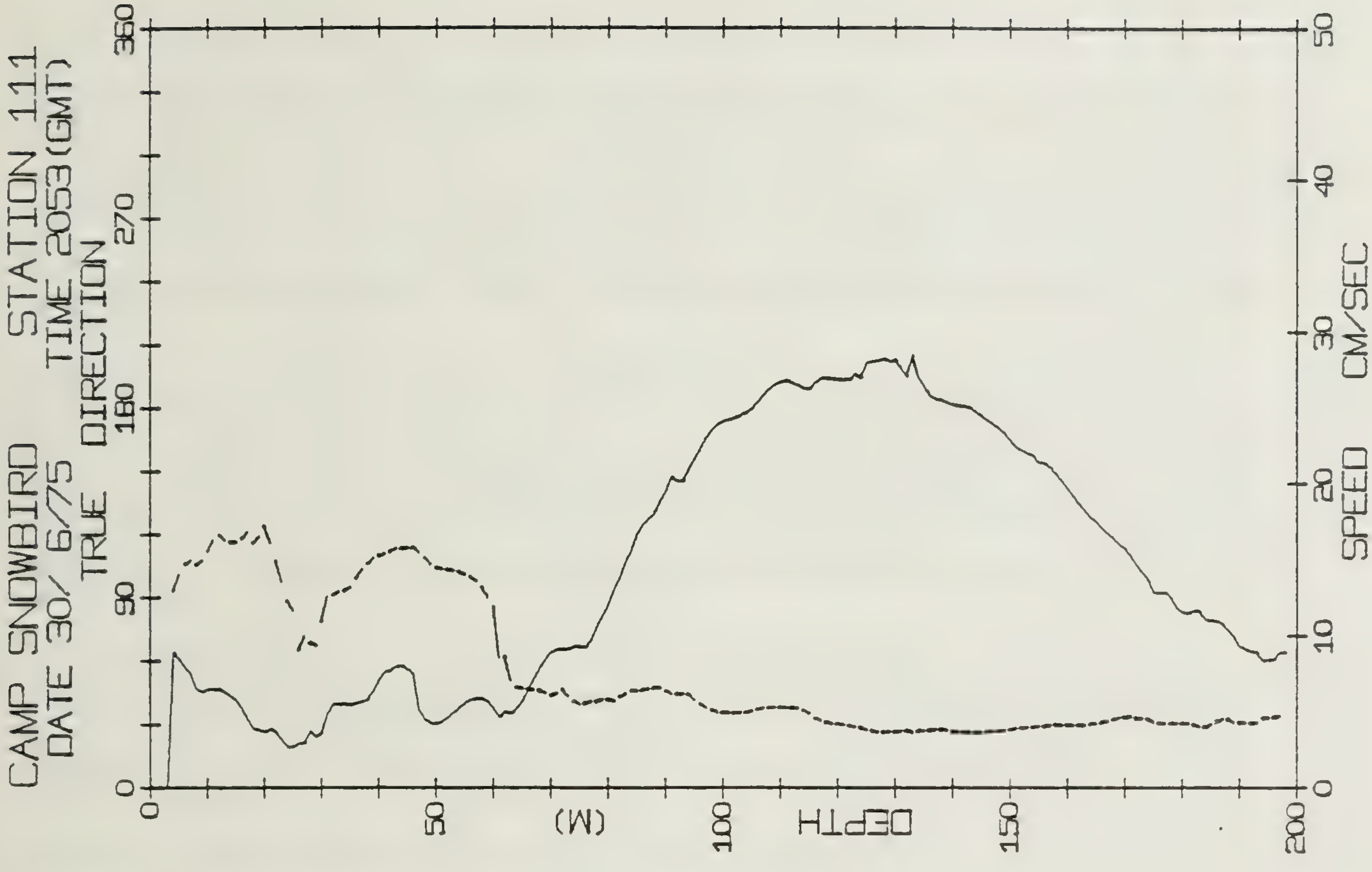

CAMP SNOWBIRD
STATION 107
DATE 28/ 6/75
TIME 2104(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 109
DATE 29/ 6/75
TIME 2051(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 107     (197M )     28/JUN/75      2104 GMT
LAT= 76.5934N  LONG= 152.3949W  LTER=     1   LGER=     2
NIVEL=  -2.1   EIVEL=  15.8     NVER=     0   EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   0.6  133.7     134   4.1   20.2
  1   0.0  999.9      68   1.6  106.8     135   4.0   17.5
  2   0.0  999.9      69   2.6  100.3     136   3.8   21.8
  3   0.0  999.9      70   3.2   97.7     137   3.4   27.4
  4   7.6  115.3      71   3.4   96.9     138   3.1   33.1
  5   6.3  108.6      72   2.6   94.4     139   3.0   36.8
  6   6.5  106.9      73   2.1   93.0     140   3.0   39.5
  7   6.8  106.2      74   1.1   89.4     141   3.0   41.3
  8   6.9  110.2      75   0.3   66.8     142   3.0   41.7
  9   6.7  111.8      76   1.1   57.3     143   2.7   45.7
 10   6.3  109.0      77   2.2   63.3     144   2.2   48.3
 11   5.8  101.3      78   3.2   70.0     145   2.1   37.3
 12   6.0   96.5      79   2.1   63.6     146   2.1   27.1
 13   6.2   98.6      80   1.2   37.6     147   2.1   19.7
 14   6.2  100.3      81   1.7   17.0     148   2.2   16.3
 15   5.8   98.7      82   2.2    0.9     149   2.3   16.0
 16   5.8   87.3      83   2.3    7.8     150   2.5   15.0
 17   6.1   78.8      84   2.3   18.0     151   2.6    7.4
 18   6.3   75.5      85   2.3   27.1     152   2.7    5.4
 19   6.2   77.5      86   2.1   26.6     153   2.8    5.3
 20   5.7   81.5      87   2.1   22.4     154   2.9    9.2
 21   5.2   85.4      88   2.6   20.0     155   3.0   23.3
 22   5.0   90.6      89   2.8   26.5     156   3.0   29.6
 23   5.1   92.3      90   2.8   34.7     157   3.1   33.5
 24   5.3   89.8      91   3.0   38.8     158   3.1   31.4
 25   4.7   94.5      92   3.3   39.5     159   3.1   29.7
 26   3.7  103.1      93   3.2   43.7     160   3.1   31.3
 27   3.7  108.6      94   3.3   44.9     161   3.1   31.8
 28   4.4  110.7      95   3.2   44.0     162   3.2   30.5
 29   4.0  115.9      96   3.2   39.4     163   3.1   29.3
 30   3.4  115.9      97   3.2   32.1     164   3.1   27.9
 31   3.7  107.5      98   3.2   29.6     165   3.1   26.3
 32   4.0   94.7      99   3.2   33.8     166   3.2   26.7
 33   4.1   84.1     100   3.3   37.9     167   3.2   24.5
 34   4.1   79.2     101   3.3   36.7     168   3.2   26.2
 35   3.9   78.7     102   3.4   33.5     169   3.3   31.2
 36   3.7   78.0     103   3.7   37.9     170   3.4   37.1
 37   3.4   83.7     104   3.7   39.4     171   3.7   41.1
 38   3.6   90.1     105   3.7   42.0     172   3.9   42.3
 39   3.9   91.1     106   3.6   43.8     173   4.2   44.1
 40   3.7   94.5     107   3.3   45.3     174   4.5   46.1
 41   3.5  103.5     108   3.1   46.3     175   4.6   44.0
 42   3.7  112.6     109   2.9   47.9     176   4.8   43.6
 43   4.3  121.9     110   2.7   38.7     177   4.8   40.1
 44   4.6  127.1     111   2.6   26.5     178   4.8   38.8
 45   5.1  135.6     112   2.7   17.7     179   4.8   37.2
 46   5.6  142.6     113   2.8   10.6     180   5.0   34.7
 47   5.7  145.9     114   3.0    8.7     181   4.8   36.7
 48   5.6  144.0     115   3.2    8.1     182   4.4   39.0
 49   4.4  150.1     116   3.3   12.3     183   4.2   37.7
 50   3.6  169.0     117   3.3   15.0     184   4.2   40.0
 51   3.5  179.9     118   3.3   17.2     185   4.4   42.2
 52   3.9  178.1     119   3.3   16.5     186   4.7   42.0
 53   4.6  178.8     120   3.5    3.4     187   4.7   41.6
 54   5.9  179.2     121   3.4   15.6     188   4.6   39.9
 55   7.4  177.9     122   3.3   18.6     189   4.6   36.3
 56   9.0  175.4     123   3.2   16.0     190   4.2   39.9
 57   9.1  174.7     124   3.0   14.5     191   3.8   46.7
 58   8.8  176.3     125   2.9   12.0     192   3.6   54.8
 59   7.7  179.7     126   3.1   13.3     193   3.6   61.4
 60   5.7  179.6     127   3.4   13.8     194   3.7   64.4
 61   4.5  180.9     128   3.7   15.0     195   3.4   61.4
 62   3.4  186.3     129   3.8   17.9     196   3.1   57.9
 63   2.6  190.7     130   3.9   23.1     197   2.5   43.9
 64   1.9  199.8     131   4.1   28.5
 65   1.1  198.1     132   4.1   29.9
 66   0.6  176.7     133   4.1   25.9
```

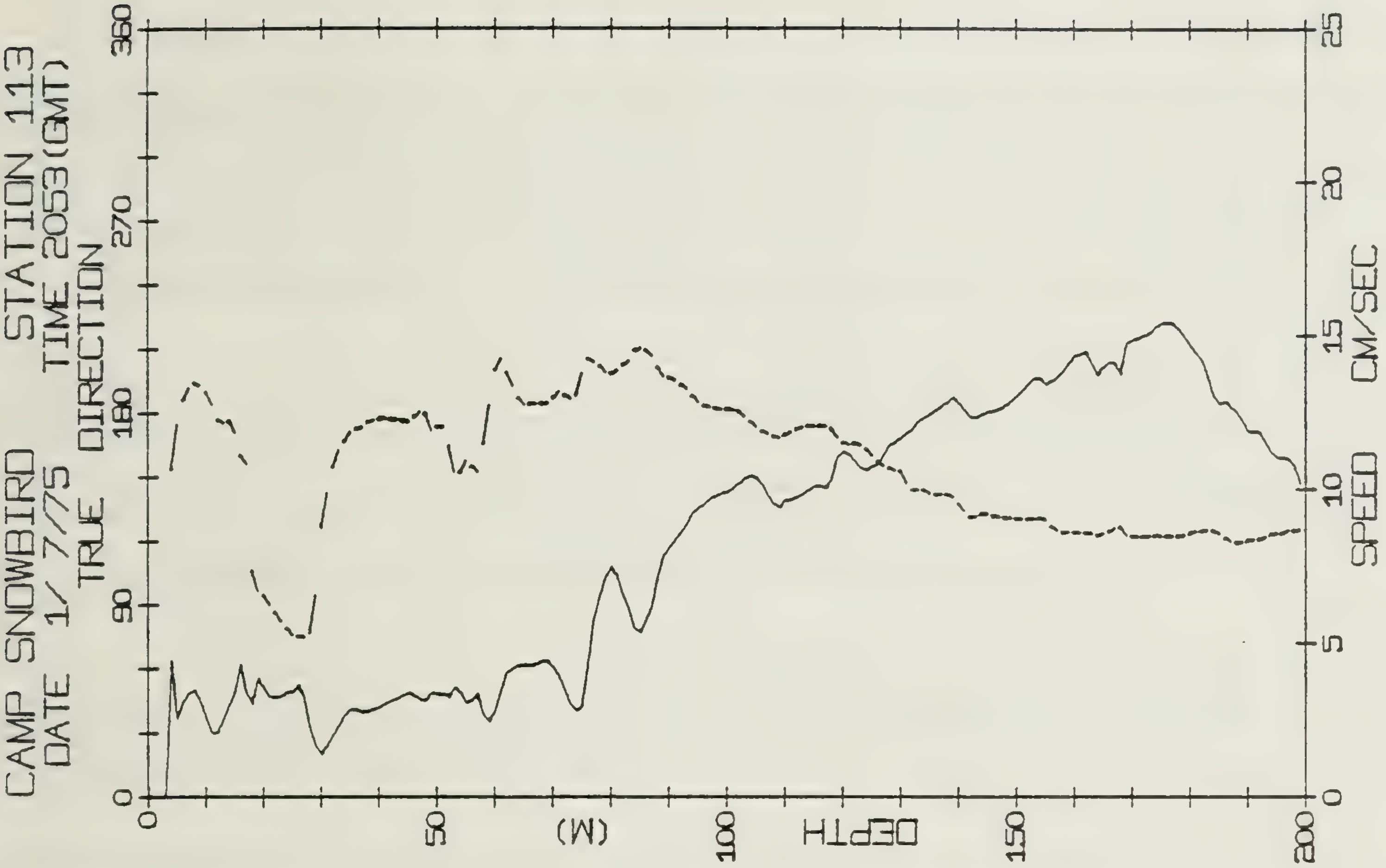
```
SNOWBIRD STATION 109     (196M. )     29/JUN/75      2051 GMT
LAT= 76.6069N  LONG= 152.1175W  LTER=     1.  LGER=     1
NIVEL=  14.7   EIVEL=  10.2     NVER=     0   EVER=     0

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   1.7    0.3     134   3.6  333.3
  1   0.0  999.9      68   1.9  354.6     135   3.7  335.2
  2   0.0  999.9      69   2.1  351.0     136   3.8  337.5
  3   0.0  999.9      70   2.3  347.6     137   3.9  340.8
  4  12.0   68.0      71   2.4  344.2     138   4.2  348.3
  5  12.5   66.8      72   2.6  339.9     139   4.5  353.9
  6  15.7   79.7      73   2.6  341.4     140   4.4  355.0
  7  11.9   73.1      74   2.5  339.8     141   4.2  353.2
  8   9.4   72.7      75   2.5  337.2     142   4.1  353.6
  9   9.0   72.4      76   2.5  334.4     143   4.2  354.8
 10  10.4   76.5      77   2.5  331.5     144   4.0  352.2
 11   9.3   74.8      78   2.5  328.6     145   3.8  347.8
 12   8.3   75.2      79   2.5  324.3     146   3.6  343.0
 13   7.5   76.5      80   2.6  319.5     147   3.6  343.7
 14   6.8   77.0      81   2.7  324.4     148   3.6  344.2
 15   6.3   74.7      82   2.8  330.0     149   3.6  345.7
 16   5.7   70.2      83   2.9  336.6     150   3.7  348.4
 17   5.1   63.0      84   2.9  343.0     151   3.8  350.7
 18   5.3   65.8      85   3.0  348.3     152   4.0  350.8
 19   5.3   65.1      86   3.0  353.8     153   4.3  351.8
 20   5.3   64.5      87   2.9    1.0     154   4.3  352.7
 21   5.3   66.2      88   2.8    9.3     155   4.2  350.9
 22   5.3   71.1      89   2.6    8.6     156   4.0  348.0
 23   5.2   75.6      90   2.4    5.1     157   3.8  344.1
 24   5.3   78.6      91   2.5    5.5     158   3.8  345.6
 25   5.4   81.4      92   2.6    7.4     159   4.1  353.5
 26   5.5   83.9      93   2.8    8.7     160   4.0  352.6
 27   5.5   88.1      94   2.9    8.4     161   3.9  351.0
 28   5.3   92.1      95   2.8    6.9     162   3.8  350.6
 29   4.8   95.5      96   2.8    5.0     163   3.8  350.2
 30   4.0  102.3      97   2.8    3.5     164   3.8  348.9
 31   3.4  112.0      98   2.7    1.8     165   3.7  346.0
 32   3.3  121.8      99   2.7  359.3     166   3.6  341.8
 33   3.7  127.0     100   2.5  355.0     167   3.7  342.4
 34   3.9  127.1     101   2.5  354.0     168   3.8  344.3
 35   3.7  125.5     102   2.5  354.1     169   4.0  344.7
 36   3.5  125.6     103   2.5  354.8     170   4.1  344.9
 37   3.7  124.5     104   2.5  355.7     171   4.1  344.5
 38   4.0  123.3     105   2.6  356.0     172   4.0  345.1
 39   4.2  122.1     106   2.6  356.5     173   4.1  347.5
 40   4.5  119.2     107   2.8  355.7     174   4.1  347.8
 41   4.5  119.1     108   3.0  355.4     175   4.1  347.0
 42   4.4  120.7     109   3.0  352.0     176   3.9  343.1
 43   4.0  125.6     110   2.9  347.7     177   3.7  343.2
 44   3.6  131.3     111   2.9  339.5     178   3.5  346.1
 45   3.2  135.0     112   3.0  334.2     179   3.5  351.6
 46   2.7  141.2     113   3.1  329.1     180   3.5  356.7
 47   2.5  145.4     114   3.1  321.8     181   3.7    1.7
 48   1.9  155.4     115   3.2  317.4     182   3.8    5.6
 49   1.5  164.7     116   3.3  316.5     183   3.9    7.8
 50   1.3  175.4     117   3.4  321.1     184   3.6   14.0
 51   1.0  186.6     118   3.5  320.0     185   3.2   26.0
 52   1.0  182.9     119   3.6  319.6     186   3.0   43.3
 53   0.9  177.6     120   3.7  320.7     187   3.0   52.1
 54   0.8  172.3     121   3.7  323.1     188   3.0   59.7
 55   0.9  155.1     122   3.8  325.5     189   2.9   63.3
 56   0.9  143.5     123   3.8  328.5     190   2.9   66.7
 57   0.9  131.9     124   3.8  328.3     191   2.9   69.0
 58   0.9  120.4     125   3.8  326.3     192   3.1   69.0
 59   0.9  108.8     126   3.8  325.6     193   3.4   65.8
 60   0.9   97.0     127   3.7  327.2     194   3.6   64.4
 61   0.9   84.7     128   3.7  328.6     195   3.6   64.7
 62   1.0   71.8     129   3.8  333.5     196   3.6   64.7
 63   1.0   58.2     130   3.8  335.8
 64   1.1   43.9     131   3.6  332.7
 65   1.2   30.6     132   3.5  329.8
 66   1.3   24.1     133   3.6  331.2
```

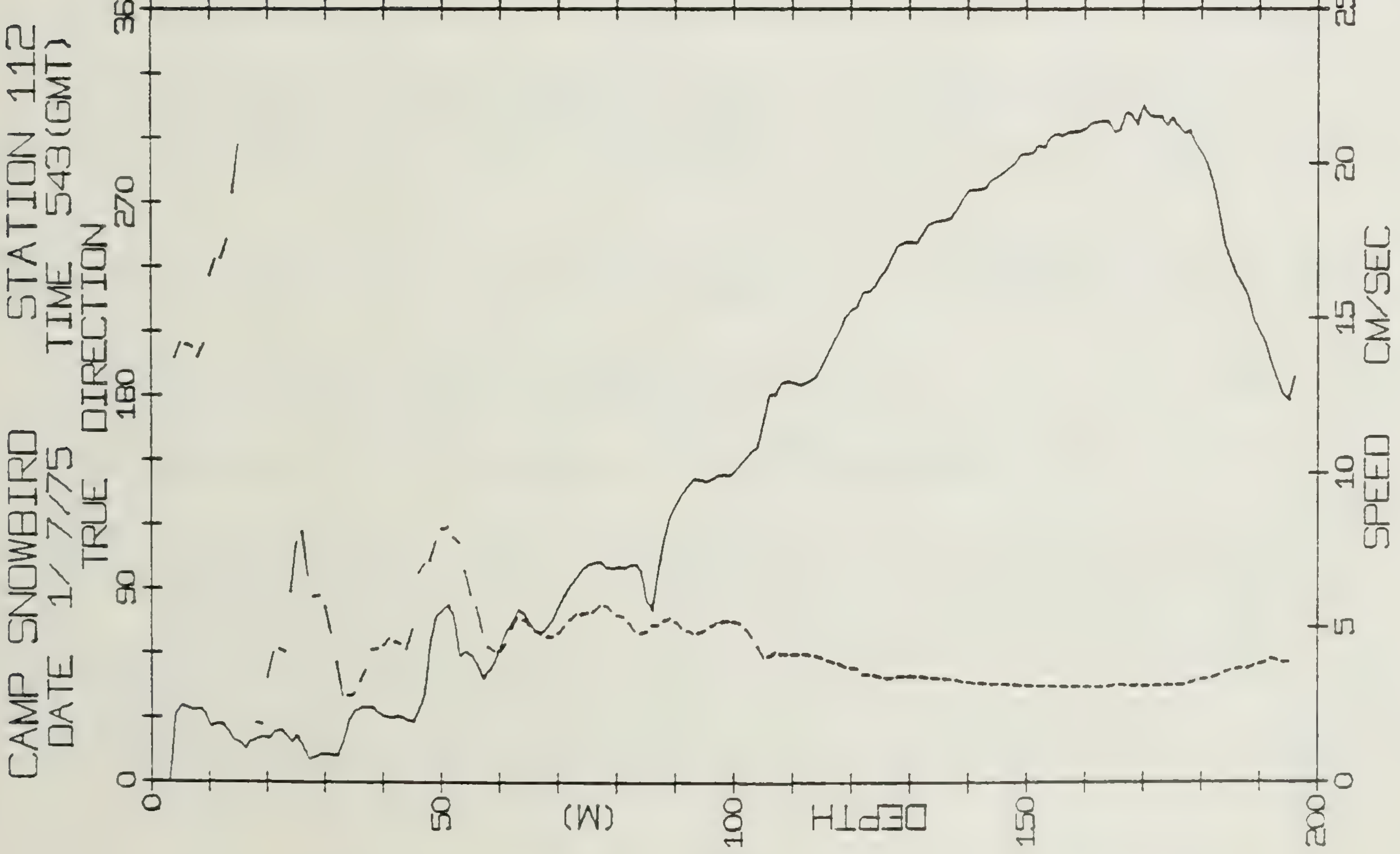

CAMP SNOWBIRD STATION 110
DATE 30/ 6/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
10
20
30
40
50
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 111
DATE 30/ 6/75 TIME 2053(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
10
20
30
40
50
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 110     (197M )      30/JUN/75        543 GMT
LAT= 76.6264N  LONG= 152.0286W  LTER=      0   LGER=      0
NIVEL=    6.0   EIVEL=  -5.8     NVER=      0   EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6.4   334.0      134   28.2   325.4
  1    0.0   999.9       68    6.9   330.5      135   27.8   325.4
  2    0.0   999.9       69    7.5   331.1      136   27.8   325.3
  3    0.0   999.9       70    7.7   329.0      137   28.1   325.3
  4    1.4   354.4       71    8.1   331.4      138   28.2   325.3
  5    1.0   264.9       72    8.3   332.1      139   28.1   325.2
  6    1.2   255.2       73    8.5   332.7      140   28.1   325.2
  7    1.4   253.8       74    8.8   333.9      141   28.2   325.1
  8    1.6   254.4       75    9.4   333.7      142   27.8   324.8
  9    2.0   250.6       76    9.9   333.2      143   27.7   324.7
 10    2.8   253.2       77    9.7   337.5      144   27.5   324.5
 11    3.7   254.9       78    9.7   341.5      145   27.4   324.5
 12    4.6   252.6       79   10.8   341.8      146   27.4   324.4
 13    5.0   250.6       80   12.4   333.1      147   27.2   324.4
 14    5.0   251.6       81   12.9   333.2      148   27.1   324.4
 15    5.4   254.1       82   13.5   332.6      149   27.0   324.3
 16    5.7   256.8       83   14.0   331.6      150   26.5   324.2
 17    5.6   260.4       84   14.2   332.2      151   26.2   323.5
 18    5.6   263.1       85   14.9   333.5      152   25.5   322.3
 19    5.8   265.0       86   15.7   333.6      153   24.5   321.9
 20    5.8   266.2       87   16.5   331.5      154   24.1   322.9
 21    5.8   266.5       88   17.3   332.3      155   23.4   323.7
 22    5.7   267.5       89   17.5   331.7      156   22.6   323.9
 23    5.6   269.0       90   17.9   331.9      157   22.0   323.8
 24    5.7   270.3       91   18.2   332.4      158   21.5   323.6
 25    5.9   270.4       92   18.6   333.6      159   20.9   323.5
 26    5.4   272.3       93   18.9   335.5      160   20.4   323.1
 27    4.6   276.6       94   19.4   336.7      161   20.5   323.0
 28    4.0   286.0       95   20.0   336.5      162   20.0   322.6
 29    3.5   294.9       96   21.0   334.5      163   19.8   322.3
 30    3.0   298.6       97   22.0   331.9      164   19.5   322.1
 31    2.7   292.6       98   22.7   330.5      165   18.7   321.8
 32    2.4   297.8       99   23.4   330.7      166   18.7   321.8
 33    2.0   317.3      100   23.4   330.9      167   18.3   321.7
 34    2.3   349.0      101   23.3   332.0      168   18.0   322.6
 35    2.5   359.0      102   23.6   332.0      169   17.5   322.3
 36    2.6     5.2      103   24.0   332.1      170   16.9   322.0
 37    3.1    14.5      104   24.5   332.2      171   16.4   321.8
 38    3.7    22.2      105   24.9   332.3      172   15.8   321.8
 39    5.0    24.7      106   25.1   332.3      173   15.5   321.9
 40    5.6    21.5      107   25.2   332.2      174   15.2   322.2
 41    4.4    28.5      108   25.2   332.1      175   14.6   322.3
 42    4.1    33.5      109   25.2   331.5      176   14.3   322.0
 43    4.6    34.7      110   25.3   330.4      177   14.2   321.3
 44    4.8    34.2      111   25.6   329.0      178   14.3   321.0
 45    4.6    33.7      112   26.2   328.3      179   14.2   320.0
 46    4.4    33.6      113   26.8   327.6      180   13.7   318.0
 47    4.5    37.0      114   27.2   327.6      181   13.7   317.7
 48    4.7    40.7      115   27.2   327.6      182   13.2   319.6
 49    5.0    50.3      116   27.1   327.5      183   12.6   320.9
 50    5.3    62.5      117   27.1   327.5      184   12.6   321.1
 51    5.1    79.3      118   26.9   327.4      185   12.7   321.0
 52    4.9    91.4      119   26.7   327.7      186   12.5   320.6
 53    4.3    88.1      120   26.6   327.9      187   12.5   320.4
 54    2.8    67.9      121   26.9   328.0      188   12.5   320.4
 55    2.6    31.5      122   27.2   328.1      189   12.3   319.4
 56    3.4     7.3      123   27.2   327.7      190   12.0   318.3
 57    4.0   357.4      124   27.1   327.3      191   11.7   315.7
 58    4.2   359.5      125   27.3   327.3      192   11.7   320.9
 59    4.5     1.5      126   27.4   327.3      193   11.6   322.7
 60    5.1     0.0      127   27.6   326.5      194   11.8   320.2
 61    5.6     0.8      128   27.9   325.6      195   12.0   317.6
 62    6.0     1.3      129   28.3   325.6      196   12.1   315.5
 63    6.3   353.5      130   28.4   325.6      197   11.5   310.3
 64    6.6   340.2      131   28.4   325.6
 65    6.7   347.7      132   28.4   325.5
 66    6.6   344.5      133   28.1   325.5
```

```
SNOWBIRD STATION 111     (198M )      30/JUN/75       2053 GMT
LAT= 76.6743N  LONG= 152.0653W  LTER=      0   LGER=      0
NIVEL=    6.4   EIVEL=  10.5     NVER=      0   EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    7.2    46.3      134   27.0    27.0
  1    0.0   999.9       68    7.8    46.2      135   26.4    27.3
  2    0.0   999.9       69    8.4    45.0      136   25.9    27.7
  3    0.0   999.9       70    8.9    43.8      137   25.6    27.8
  4    8.9    93.7       71    9.1    45.1      138   25.5    27.7
  5    8.5   100.5       72    9.1    46.6      139   25.4    27.3
  6    7.9   106.1       73    9.2    43.5      140   25.2    26.6
  7    7.5   107.6       74    9.3    41.1      141   25.1    26.4
  8    6.5   105.7       75    9.3    39.6      142   25.1    26.2
  9    6.3   107.6       76    9.2    40.3      143   25.0    26.2
 10    6.5   112.0       77    9.7    41.2      144   24.8    26.4
 11    6.5   117.2       78   10.6    41.5      145   24.4    26.6
 12    6.5   119.4       79   11.3    42.0      146   24.2    26.8
 13    6.3   117.5       80   12.0    41.9      147   23.9    27.0
 14    6.0   116.4       81   13.0    41.2      148   23.7    27.1
 15    5.8   116.0       82   13.8    43.3      149   23.3    27.5
 16    5.3   118.2       83   14.8    44.8      150   22.9    27.9
 17    4.5   120.8       84   15.6    46.0      151   22.5    28.4
 18    3.9   116.0       85   16.6    45.9      152   22.2    28.7
 19    3.8   118.7       86   17.3    46.7      153   22.0    28.8
 20    3.6   123.8       87   17.7    47.2      154   21.8    29.0
 21    3.9   116.2       88   18.0    47.6      155   21.4    29.5
 22    3.7   107.6       89   18.8    47.2      156   21.3    29.5
 23    3.2    97.9       90   19.5    45.9      157   21.1    29.7
 24    2.7    88.5       91   20.5    44.5      158   20.7    29.8
 25    2.7    84.0       92   20.2    44.6      159   20.2    29.9
 26    2.9    65.6       93   20.2    44.8      160   19.7    29.8
 27    3.0    71.7       94   21.0    44.1      161   19.2    29.8
 28    3.7    68.8       95   21.6    41.9      162   18.7    29.9
 29    3.4    67.4       96   22.3    39.9      163   18.2    30.0
 30    3.6    79.0       97   23.0    38.3      164   17.8    30.5
 31    4.8    90.5       98   23.5    37.2      165   17.5    30.6
 32    5.5    91.4       99   23.9    36.1      166   17.1    31.2
 33    5.5    93.1      100   24.1    35.8      167   16.7    31.8
 34    5.5    93.8      101   24.3    35.7      168   16.4    32.5
 35    5.5    95.2      102   24.3    35.6      169   16.0    33.6
 36    5.6    99.3      103   24.5    35.7      170   15.7    33.7
 37    5.7   103.2      104   24.7    36.3      171   15.3    34.0
 38    5.8   106.3      105   25.0    36.7      172   14.7    33.2
 39    6.3   108.4      106   25.4    37.5      173   14.2    32.8
 40    7.1   110.0      107   25.8    38.2      174   13.7    32.5
 41    7.6   110.9      108   26.2    38.4      175   12.9    31.0
 42    7.7   112.3      109   26.5    38.6      176   12.8    30.7
 43    8.0   113.4      110   26.7    38.4      177   12.9    30.3
 44    8.0   113.4      111   26.8    38.1      178   12.5    30.7
 45    7.8   113.8      112   26.6    38.0      179   11.9    30.9
 46    7.5   113.9      113   26.5    37.7      180   11.5    30.7
 47    5.1   111.7      114   26.3    37.0      181   11.5    30.3
 48    4.5   108.9      115   26.3    35.4      182   11.7    29.6
 49    4.3   106.3      116   26.6    33.1      183   11.6    28.7
 50    4.2   104.4      117   26.9    32.0      184   11.1    28.7
 51    4.4   103.4      118   27.0    31.0      185   11.0    30.1
 52    4.6   102.9      119   26.9    30.4      186   10.9    31.5
 53    4.9   102.6      120   26.8    30.1      187   10.7    32.5
 54    5.3   102.0      121   26.9    29.6      188   10.4    32.6
 55    5.6   101.1      122   26.9    29.2      189   10.0    30.9
 56    5.8    99.7      123   27.2    28.6      190    9.3    31.1
 57    5.9    97.8      124   27.0    28.3      191    9.1    30.9
 58    5.8    95.1      125   27.9    27.3      192    9.0    30.7
 59    5.7    90.3      126   28.1    26.8      193    8.9    31.1
 60    5.2    85.5      127   28.1    26.3      194    8.4    33.1
 61    4.6    61.6      128   28.2    26.5      195    8.4    33.4
 62    5.0    61.8      129   28.0    26.8      196    8.5    33.7
 63    4.9    50.9      130   28.2    26.7      197    8.9    34.3
 64    5.2    47.8      131   27.6    26.9      198    8.9    34.3
 65    5.7    47.1      132   27.0    27.2
 66    6.4    46.6      133   28.5    26.0
```


CAMP SNOWBIRD STATION 113
DATE 1/ 7/75 TIME 2053(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

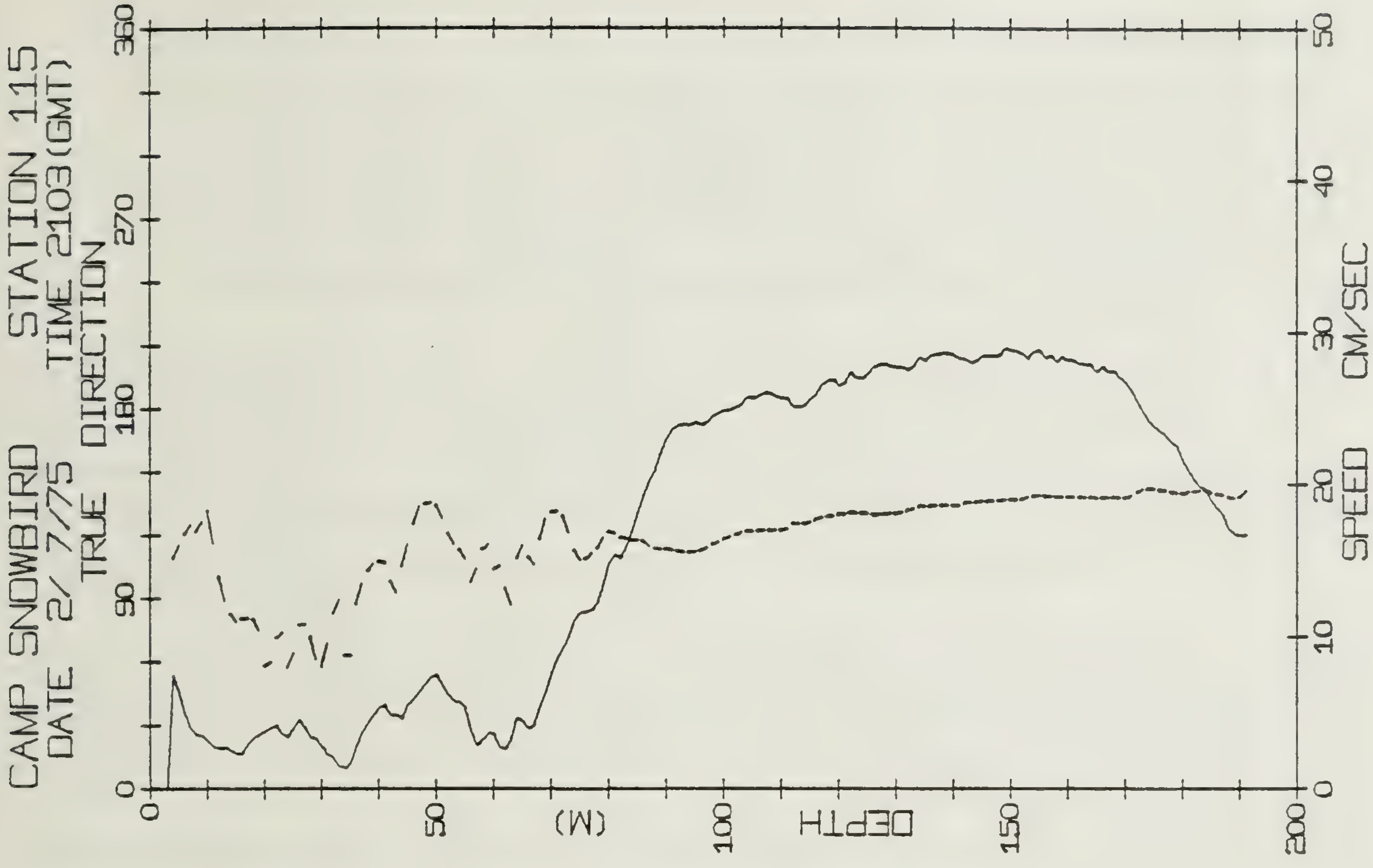

CAMP SNOWBIRD STATION 112
DATE 1/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

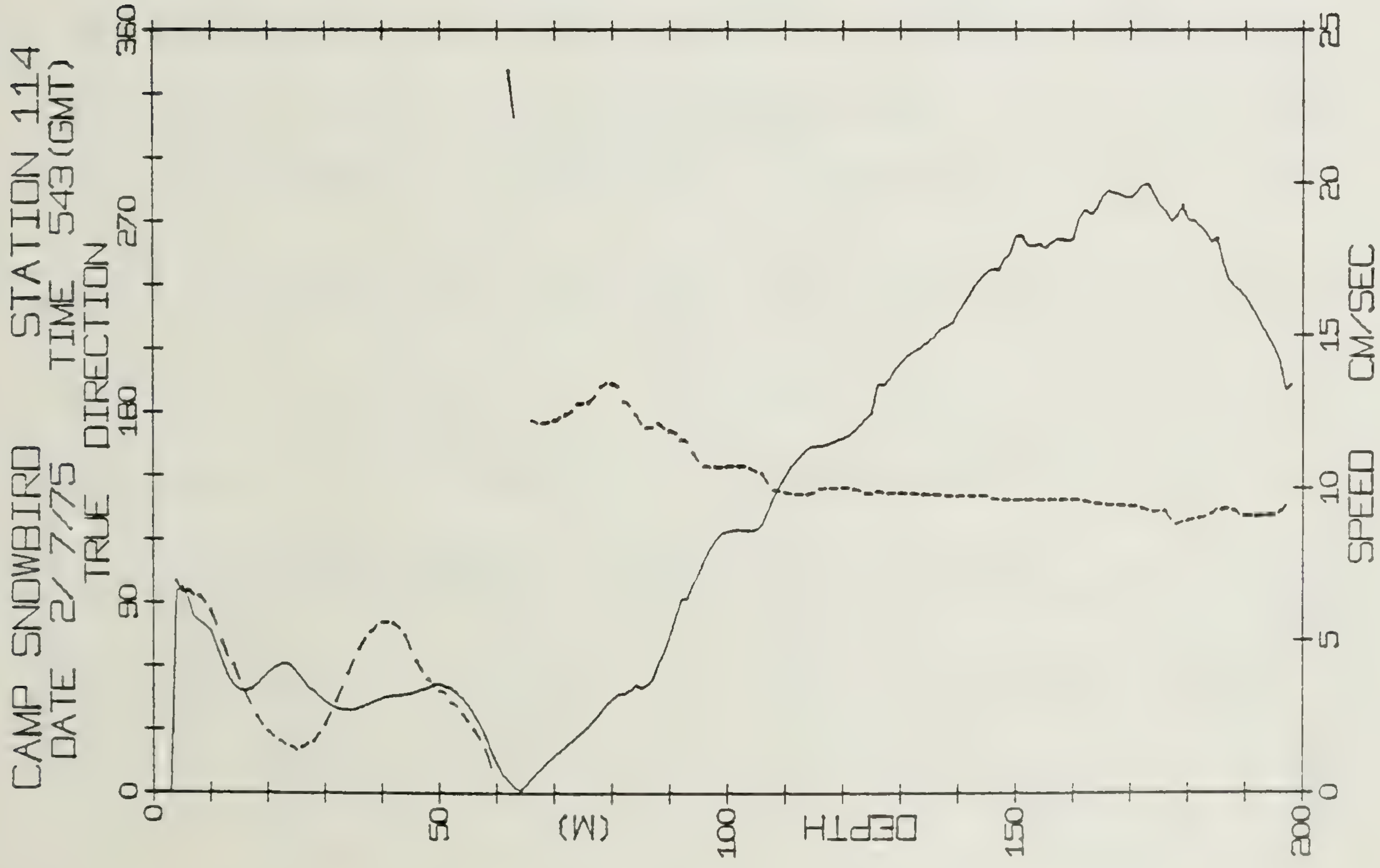
SNOWBIRD STATION 112 (196M) 1/JUL/75 543 GMT
LAT= 76.6730N LONG= 151.9588W LTER= [illegible] LCER= 3
NIVEL= -4.4 EIVEL= 5.5 NVER= 0 EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.8	68.6	134	18.1	48.4
1	0.0	999.9	68	5.0	67.8	135	18.2	48.2
2	0.0	999.9	69	5.3	67.6	136	18.2	48.0
3	0.0	999.9	70	5.7	69.3	137	18.3	47.7
4	2.2	197.9	71	6.1	72.4	138	18.5	47.2
5	2.4	204.4	72	6.4	75.8	139	18.8	46.6
6	2.4	203.7	73	6.6	78.3	140	19.1	46.1
7	2.3	202.3	74	6.9	78.8	141	19.2	45.7
8	2.4	198.2	75	7.1	79.1	142	19.2	45.6
9	2.2	204.0	76	7.1	79.8	143	19.2	45.6
10	1.8	235.7	77	7.1	82.2	144	19.5	45.3
11	1.9	243.3	78	7.0	82.4	145	19.6	45.2
12	1.9	244.1	79	6.9	80.2	146	19.7	45.1
13	1.7	252.5	80	7.0	77.8	147	19.9	45.0
14	1.4	274.8	81	6.9	76.9	148	20.0	44.8
15	1.3	296.5	82	7.0	73.9	149	20.3	44.6
16	1.1	316.7	83	7.1	70.1	150	20.3	44.6
17	1.3	16.4	84	6.9	69.2	151	20.4	44.6
18	1.4	27.4	85	5.9	70.1	152	20.6	44.4
19	1.5	26.6	86	5.6	72.9	153	20.5	44.4
20	1.4	48.7	87	6.8	73.4	154	20.8	44.2
21	1.6	60.2	88	7.9	75.3	155	21.0	44.1
22	1.7	61.7	89	8.6	76.4	156	20.9	44.2
23	1.5	60.4	90	9.0	74.4	157	21.0	44.1
24	1.3	88.7	91	9.3	72.1	158	21.0	44.0
25	1.5	111.7	92	9.6	70.4	159	21.1	44.1
26	1.2	116.1	93	9.8	69.2	160	21.1	44.0
27	0.7	95.9	94	9.8	69.7	161	21.3	43.9
28	0.8	86.4	95	9.7	70.8	162	21.4	43.9
29	0.9	87.0	96	9.8	72.6	163	21.4	44.1
30	0.9	81.8	97	9.9	74.3	164	21.4	44.3
31	0.8	69.2	98	10.0	75.1	165	21.0	45.0
32	0.9	55.6	99	9.9	75.4	166	21.1	45.0
33	1.3	40.2	100	10.1	74.6	167	21.6	44.5
34	2.0	39.8	101	10.3	73.5	168	21.6	44.6
35	2.3	41.2	102	10.5	71.3	169	21.3	44.9
36	2.4	46.8	103	10.7	67.5	170	21.9	44.4
37	2.4	52.2	104	10.9	62.9	171	21.6	44.7
38	2.4	61.6	105	11.7	58.3	172	21.5	44.7
39	2.2	63.4	106	12.5	58.8	173	21.6	44.8
40	2.1	63.8	107	12.5	60.6	174	21.2	45.1
41	2.1	66.7	108	12.9	59.6	175	21.5	44.8
42	2.1	65.2	109	13.0	59.3	176	21.2	45.1
43	2.1	64.1	110	12.9	59.4	177	21.0	45.3
44	2.0	62.1	111	12.9	59.5	178	21.1	46.1
45	1.9	70.9	112	12.9	59.3	179	20.6	47.6
46	2.3	97.5	113	13.0	59.0	180	20.3	47.9
47	2.8	101.5	114	13.2	58.5	181	20.0	48.3
48	4.5	103.1	115	13.5	57.6	182	19.4	49.0
49	5.4	112.1	116	13.9	56.6	183	18.5	50.1
50	5.6	118.0	117	14.3	55.5	184	17.4	51.4
51	5.7	118.8	118	14.6	54.7	185	16.9	52.2
52	5.4	114.0	119	15.1	53.6	186	16.4	52.9
53	4.1	111.7	120	15.3	53.0	187	16.1	53.0
54	4.2	98.2	121	15.4	52.6	188	15.7	53.1
55	4.1	87.3	122	15.8	50.2	189	15.0	54.4
56	3.8	81.6	123	15.9	50.0	190	14.6	55.2
57	3.4	69.9	124	16.0	49.6	191	14.2	56.0
58	3.6	62.8	125	16.4	48.9	192	13.6	57.4
59	3.9	61.1	126	16.6	48.3	193	13.0	56.5
60	4.4	61.3	127	17.0	48.8	194	12.5	55.6
61	4.9	64.4	128	17.4	49.3	195	12.3	55.7
62	5.2	71.5	129	17.5	49.2	196	13.1	60.0
63	5.6	76.6	130	17.5	49.3			
64	5.5	75.5	131	17.4	49.3			
65	5.1	73.0	132	17.7	49.0			
66	4.9	70.5	133	18.0	48.6			

SNOWBIRD STATION 113 (199M) 1/JUL/75 2053 GMT
LAT= 76.6604N LONG= 151.8322W LTER= 2 LCER= 4
NIVEL= -5.1 EIVEL= 3.5 NVER= 0 EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.4	184.2	134	12.3	143.3
1	0.0	999.9	68	4.4	184.3	135	12.5	142.1
2	0.0	999.9	69	4.4	184.4	136	12.6	141.6
3	0.0	999.9	70	4.2	186.8	137	12.7	141.8
4	4.4	153.7	71	4.0	189.6	138	12.8	141.4
5	2.6	174.3	72	3.5	188.0	139	13.0	140.5
6	3.1	186.0	73	3.0	186.6	140	12.8	137.3
7	3.4	191.2	74	2.8	188.5	141	12.6	134.0
8	3.5	193.7	75	3.0	198.2	142	12.4	131.3
9	3.1	192.6	76	4.3	205.1	143	12.4	131.3
10	2.6	189.7	77	5.7	203.8	144	12.5	132.4
11	2.1	184.0	78	6.5	201.8	145	12.5	132.6
12	2.1	176.6	79	7.1	199.2	146	12.6	131.6
13	2.5	175.2	80	7.5	198.2	147	12.6	131.0
14	3.0	176.2	81	7.2	199.5	148	12.7	130.7
15	3.4	171.0	82	6.6	202.0	149	12.9	130.4
16	4.3	160.0	83	6.1	204.2	150	13.0	130.1
17	3.4	156.2	84	5.5	209.0	151	13.2	130.2
18	3.0	105.8	85	5.3	210.3	152	13.4	130.3
19	3.8	96.8	86	5.7	208.8	153	13.6	130.4
20	3.6	94.4	87	6.2	206.7	154	13.6	130.7
21	3.3	90.5	88	7.1	201.2	155	13.4	129.6
22	3.2	86.5	89	7.8	196.8	156	13.5	126.8
23	3.3	82.4	90	8.1	196.2	157	13.7	125.1
24	3.4	79.0	91	8.4	194.9	158	13.8	124.0
25	3.4	76.1	92	8.6	193.1	159	14.1	124.2
26	3.6	75.1	93	8.9	191.2	160	14.3	123.9
27	3.3	74.9	94	9.2	187.9	161	14.4	123.7
28	2.3	76.9	95	9.4	185.2	162	14.5	123.5
29	1.7	94.0	96	9.5	183.1	163	14.1	123.5
30	1.4	126.4	97	9.7	182.4	164	13.7	122.6
31	1.7	142.0	98	9.8	181.8	165	14.0	123.5
32	2.0	154.7	99	9.9	181.3	166	14.1	124.6
33	2.3	162.3	100	9.9	181.3	167	14.1	125.9
34	2.7	166.5	101	10.0	181.0	168	13.8	126.5
35	2.9	170.7	102	10.2	180.5	169	14.7	122.7
36	2.8	172.3	103	10.4	178.3	170	14.9	121.9
37	2.8	173.2	104	10.4	175.8	171	14.9	121.7
38	2.8	175.7	105	10.4	173.3	172	15.0	122.1
39	2.9	176.9	106	10.2	171.2	173	15.1	122.5
40	2.9	177.5	107	9.8	169.8	174	15.3	122.6
41	3.0	177.4	108	9.5	168.7	175	15.4	122.3
42	3.1	177.1	109	9.4	167.9	176	15.4	122.1
43	3.2	176.6	110	9.6	169.4	177	15.4	122.1
44	3.3	176.1	111	9.7	170.9	178	15.2	122.2
45	3.4	175.7	112	9.8	172.2	179	15.0	122.8
46	3.3	178.2	113	9.8	173.3	180	14.7	123.9
47	3.2	180.2	114	10.0	173.8	181	14.4	124.6
48	3.1	179.3	115	10.1	173.7	182	14.2	124.9
49	3.4	171.6	116	10.1	173.8	183	13.7	125.4
50	3.3	173.2	117	10.0	173.6	184	13.1	124.7
51	3.4	173.3	118	10.3	172.2	185	12.8	123.4
52	3.2	164.3	119	11.0	168.2	186	12.9	121.6
53	3.6	152.4	120	11.2	166.1	187	12.7	119.9
54	3.4	152.2	121	11.1	164.6	188	12.5	119.1
55	3.1	157.0	122	10.9	165.5	189	12.2	119.7
56	3.2	154.8	123	10.7	164.5	190	11.9	120.5
57	3.4	152.6	124	10.6	163.0	191	11.9	120.9
58	2.7	165.3	125	10.8	160.2	192	11.8	121.1
59	2.5	183.1	126	10.8	157.3	193	11.5	122.0
60	2.8	199.8	127	11.1	155.3	194	11.2	123.0
61	3.4	205.0	128	11.4	154.2	195	11.0	123.6
62	4.0	198.7	129	11.6	152.7	196	11.0	124.0
63	4.2	192.8	130	11.7	152.6	197	11.0	125.1
64	4.3	186.7	131	11.8	147.4	198	10.8	124.8
65	4.3	184.0	132	12.0	143.7	199	10.2	125.4
66	4.3	184.0	133	12.2	143.5			


CAMP SNOWBIRD STATION 115
DATE 2/ 7/75 TIME 2103(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50

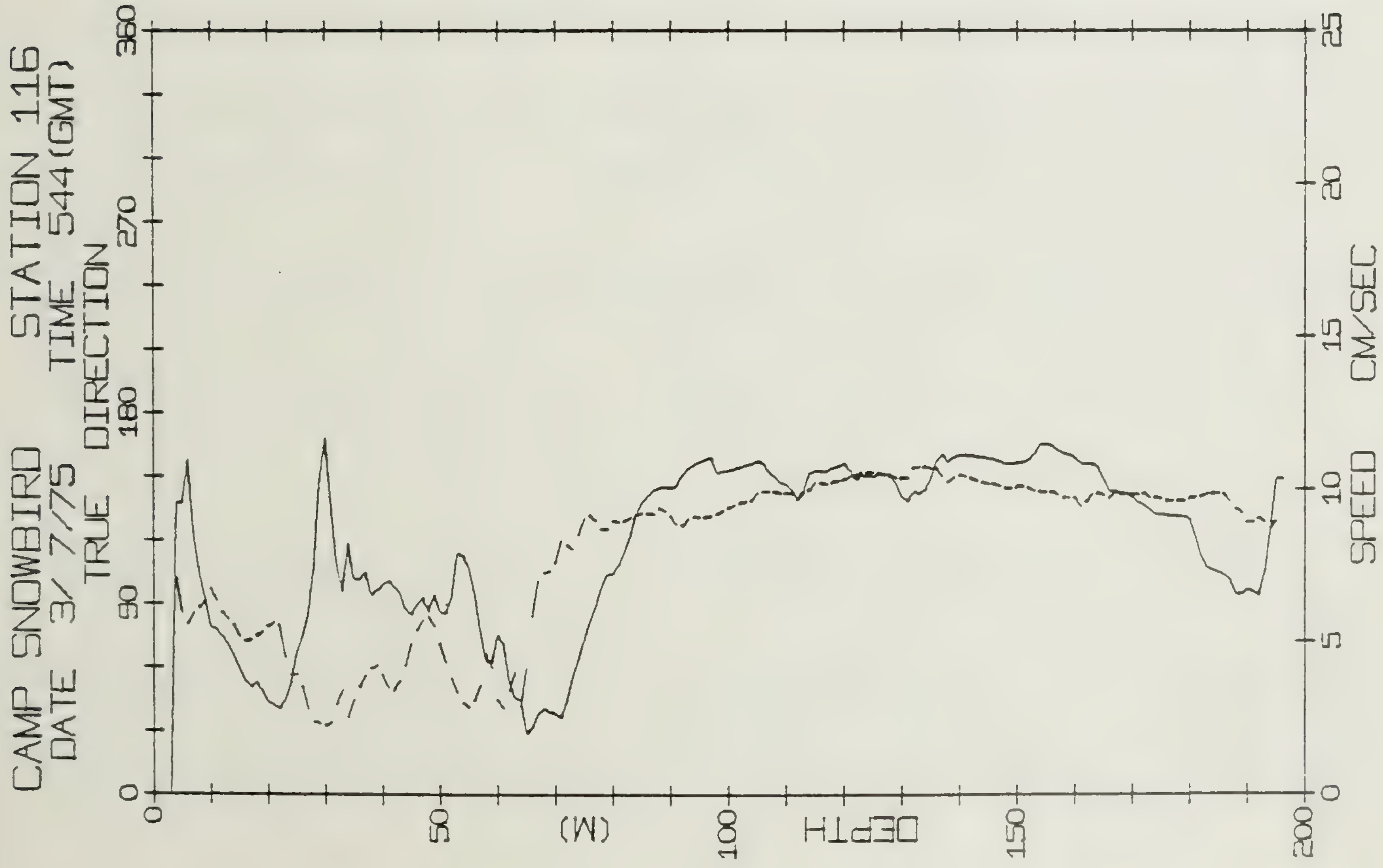

CAMP SNOWBIRD STATION 114
DATE 2/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

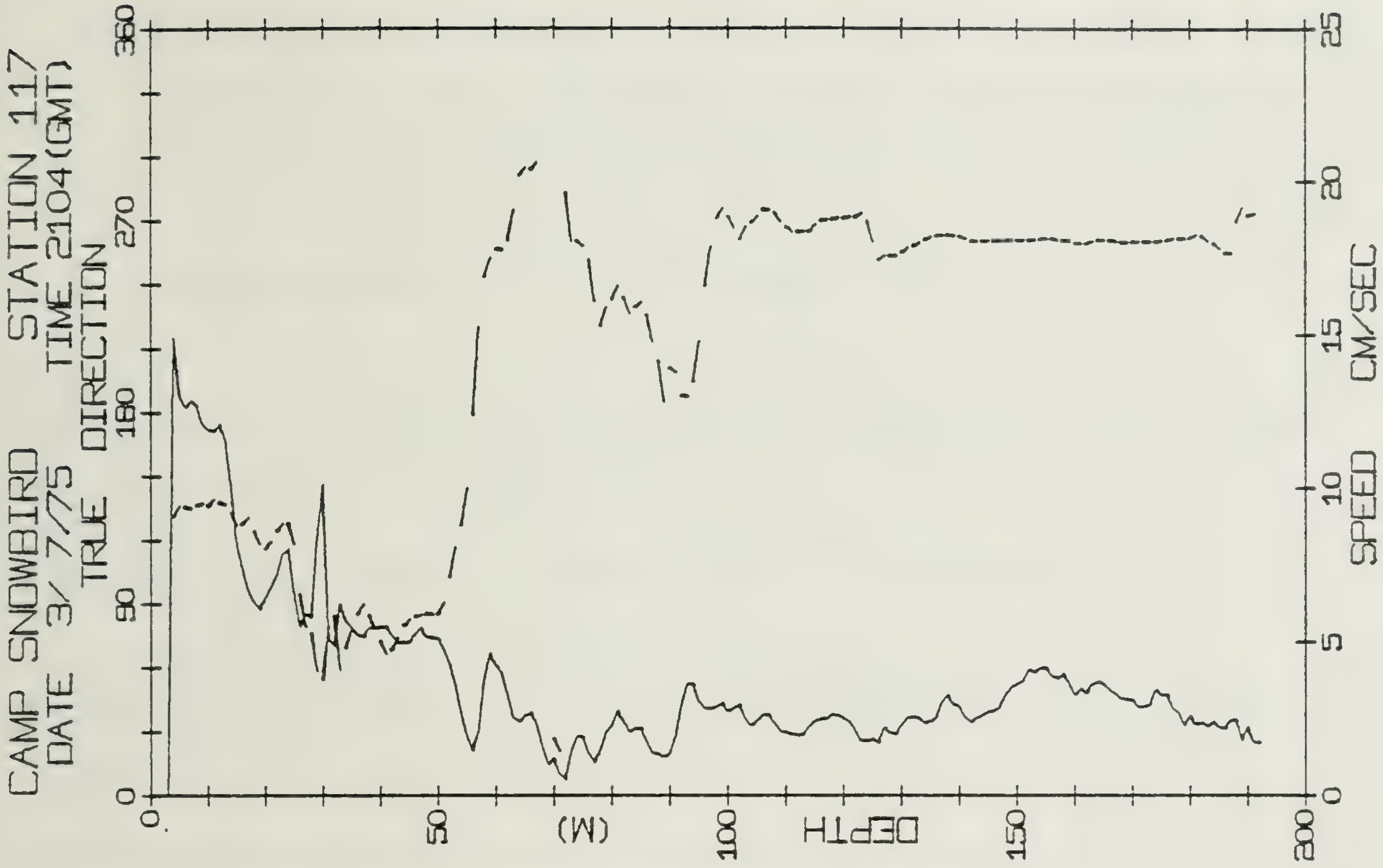
SNOWBIRD STATION 114 (190M) 2/JUL/75 543 GMT
LAT= 76.6611N LONG= 151.8029W LTER= 0 LCER= 0.
NIVEL= -2.0 EIVEL= 4.1 NVER= 0 EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	0.7	175.0	134	14.7	141.3
1	0.0	999.9	68	0.9	175.0	135	14.9	141.2
2	0.0	999.9	69	1.1	175.5	136	15.0	141.0
3	0.0	999.9	70	1.2	176.4	137	15.2	140.9
4	6.6	99.8	71	1.4	177.7	138	15.3	140.4
5	6.7	95.2	72	1.6	179.1	139	15.4	140.4
6	6.4	95.7	73	1.7	180.7	140	15.8	140.4
7	5.8	93.7	74	1.9	183.9	141	16.1	140.5
8	5.6	92.9	75	2.1	184.5	142	16.4	140.6
9	5.5	90.3	76	2.2	185.2	143	16.7	140.7
10	5.3	86.1	77	2.4	187.6	144	16.9	140.6
11	4.8	79.6	78	2.7	192.4	145	17.1	140.4
12	4.3	71.5	79	2.9	194.0	146	17.2	139.3
13	3.8	64.6	80	3.1	193.5	147	17.1	138.7
14	3.5	60.7	81	3.3	192.4	148	17.5	138.6
15	3.4	53.7	82	3.3	185.4	149	17.7	138.6
16	3.3	47.3	83	3.4	183.3	150	18.3	138.8
17	3.4	41.7	84	3.6	179.3	151	18.3	138.7
18	3.6	36.4	85	3.5	175.2	152	18.0	138.6
19	3.8	32.5	86	3.6	173.1	153	17.9	138.6
20	4.0	29.2	87	3.7	173.2	154	18.0	138.6
21	4.1	26.7	88	4.3	174.9	155	17.9	138.5
22	4.2	24.7	89	4.6	172.5	156	18.0	138.6
23	4.3	23.2	90	5.2	171.5	157	18.2	138.7
24	4.2	22.0	91	5.8	170.0	158	18.1	138.6
25	4.0	20.2	92	6.4	167.3	159	18.1	138.6
26	3.7	21.8	93	6.4	166.2	160	18.2	138.7
27	3.5	23.5	94	6.9	161.1	161	18.8	138.6
28	3.3	24.6	95	7.2	157.1	162	19.1	138.0
29	3.1	28.0	96	7.7	154.7	163	19.0	137.3
30	3.0	32.3	97	8.0	154.2	164	19.1	136.9
31	2.9	37.5	98	8.3	154.2	165	19.5	136.6
32	2.8	43.5	99	8.5	154.2	166	19.7	136.1
33	2.7	50.0	100	8.6	154.7	167	19.7	136.4
34	2.7	56.5	101	8.7	154.6	168	19.6	136.1
35	2.7	62.6	102	8.6	154.7	169	19.5	135.8
36	2.8	68.1	103	8.6	154.4	170	19.5	135.7
37	2.9	72.8	104	8.6	153.2	171	19.7	135.7
38	3.0	76.5	105	8.7	151.9	172	19.9	134.6
39	3.0	79.2	106	8.8	150.9	173	20.0	133.7
40	3.1	80.8	107	9.3	147.0	174	19.7	132.8
41	3.2	81.2	108	9.7	143.6	175	19.3	133.4
42	3.2	80.4	109	10.1	142.9	176	19.1	133.3
43	3.2	78.2	110	10.4	142.2	177	18.8	129.2
44	3.2	74.8	111	10.7	141.4	178	18.9	127.1
45	3.3	68.3	112	10.9	141.4	179	19.3	128.2
46	3.3	62.7	113	11.1	141.6	180	18.8	129.0
47	3.4	57.9	114	11.3	141.8	181	18.8	129.6
48	3.5	54.0	115	11.4	142.3	182	18.6	130.2
49	3.6	50.9	116	11.4	143.9	183	18.4	130.8
50	3.6	48.1	117	11.4	144.4	184	18.1	132.0
51	3.5	47.0	118	11.5	144.5	185	18.2	133.8
52	3.4	42.5	119	11.6	144.5	186	17.5	134.5
53	3.3	41.2	120	11.7	144.6	187	16.8	134.8
54	3.1	37.3	121	11.8	144.4	188	16.6	133.9
55	2.9	33.9	122	11.9	143.7	189	16.5	131.3
56	2.6	30.1	123	12.1	142.9	190	16.2	130.6
57	2.2	25.8	124	12.3	141.9	191	15.9	130.8
58	1.9	20.7	125	12.5	141.6	192	15.6	130.9
59	1.4	12.5	126	13.4	142.6	193	15.3	131.1
60	1.0	3.5	127	13.4	142.2	194	14.9	131.4
61	0.6	350.3	128	13.6	142.1	195	14.6	131.5
62	0.4	340.8	129	13.9	142.1	196	14.2	133.0
63	0.2	319.2	130	14.1	142.0	197	13.3	135.7
64	0.1	0.4	131	14.3	141.9	198	13.4	133.2
65	0.3	181.1	132	14.5	141.7			
66	0.5	176.2	133	14.6	141.4			

SNOWBIRD STATION 115 (191M) 2/JUL/75 2103 GMT
LAT= 76.6654N LONG= 151.7559W LTER= 0 LCER= 0
NIVEL= 4.6 EIVEL= 11.6 NVER= 0. EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.2	106.5	134	28.3	134.1
1	0.0	999.9	68	5.4	118.1	135	28.1	133.7
2	0.0	999.9	69	6.3	127.7	136	28.5	134.1
3	0.0	999.9	70	7.5	130.9	137	28.6	134.2
4	7.5	109.4	71	8.5	131.7	138	28.7	134.3
5	6.4	115.0	72	9.2	129.2	139	28.6	134.2
6	5.0	120.9	73	10.0	121.8	140	28.5	134.0
7	4.0	125.1	74	11.1	112.7	141	28.3	134.1
8	3.6	122.2	75	11.5	108.1	142	28.2	135.5
9	3.5	126.3	76	11.6	108.9	143	28.0	135.6
10	3.2	131.7	77	11.7	111.1	144	28.1	135.8
11	2.8	116.0	78	12.1	113.6	145	28.4	136.3
12	2.7	100.4	79	13.4	118.6	146	28.5	136.4
13	2.8	89.2	80	14.8	121.6	147	28.4	136.4
14	2.5	82.8	81	15.3	120.7	148	28.5	136.5
15	2.3	79.3	82	15.2	118.8	149	29.0	137.0
16	2.3	80.5	83	15.8	118.0	150	28.8	137.0
17	2.9	80.9	84	16.9	117.6	151	28.7	136.9
18	3.3	80.2	85	18.1	117.6	152	28.6	137.2
19	3.6	74.8	86	19.2	116.9	153	28.3	138.4
20	3.8	58.4	87	20.2	114.8	154	28.7	138.8
21	4.0	59.8	88	21.0	113.7	155	28.9	139.0
22	4.2	71.9	89	22.1	113.1	156	28.3	138.4
23	3.6	73.6	90	23.0	113.1	157	28.5	138.6
24	3.4	57.5	91	23.6	112.7	158	28.1	138.2
25	3.9	63.6	92	23.9	112.3	159	28.3	138.3
26	4.5	77.7	93	23.9	111.9	160	28.2	138.1
27	4.1	78.0	94	23.9	112.1	161	28.1	138.1
28	3.4	72.0	95	24.1	112.4	162	27.9	137.9
29	3.2	61.2	96	23.9	112.9	163	27.9	137.9
30	2.8	58.0	97	24.1	114.1	164	27.8	137.8
31	2.3	68.7	98	24.4	115.6	165	27.4	137.5
32	2.0	83.0	99	24.7	116.9	166	27.8	137.8
33	1.5	89.1	100	24.9	118.1	167	27.4	137.8
34	1.3	63.2	101	25.0	119.2	168	27.5	138.0
35	1.7	63.2	102	25.1	120.3	169	27.1	137.8
36	2.7	87.6	103	25.3	121.6	170	26.7	137.8
37	3.7	97.3	104	25.7	122.3	171	26.3	138.9
38	4.2	103.2	105	25.7	122.2	172	25.6	140.3
39	4.8	106.4	106	25.8	122.4	173	24.9	141.7
40	5.3	107.5	107	26.0	122.5	174	24.2	142.1
41	5.5	106.8	108	26.0	122.5	175	23.8	141.6
42	4.9	98.2	109	25.8	122.5	176	23.5	141.3
43	4.8	93.2	110	25.6	122.8	177	23.2	141.0
44	4.6	105.4	111	25.6	123.3	178	22.8	140.4
45	5.5	115.6	112	25.1	125.5	179	22.5	140.1
46	5.9	125.5	113	25.1	125.5	180	21.6	139.8
47	6.4	133.3	114	25.2	125.8	181	20.9	140.7
48	6.9	134.8	115	25.6	126.4	182	20.3	141.0
49	7.3	135.7	116	25.9	127.9	183	19.8	141.2
50	7.5	134.2	117	26.5	128.7	184	19.7	141.3
51	6.9	128.4	118	26.8	129.1	185	18.9	140.2
52	6.2	121.0	119	26.9	129.2	186	18.5	139.5
53	5.8	116.2	120	26.5	130.0	187	18.1	139.0
54	5.7	113.1	121	26.6	130.1	188	17.1	137.9
55	5.4	108.9	122	27.4	130.9	189	16.8	137.5
56	3.9	98.2	123	27.0	130.6	190	16.6	138.4
57	2.9	104.1	124	27.0	130.6	191	16.7	140.9
58	3.2	113.4	125	27.3	130.3			
59	3.6	115.5	126	27.7	129.6			
60	3.6	104.1	127	27.9	130.1			
61	2.8	105.6	128	27.9	130.3			
62	2.6	94.9	129	27.8	130.4			
63	3.2	87.4	130	27.7	130.6			
64	4.6	109.2	131	27.7	131.2			
65	4.4	115.0	132	27.5	132.1			
66	4.0	109.5	133	27.7	132.7			


CAMP SNOWBIRD STATION 116
DATE 3/ 7/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

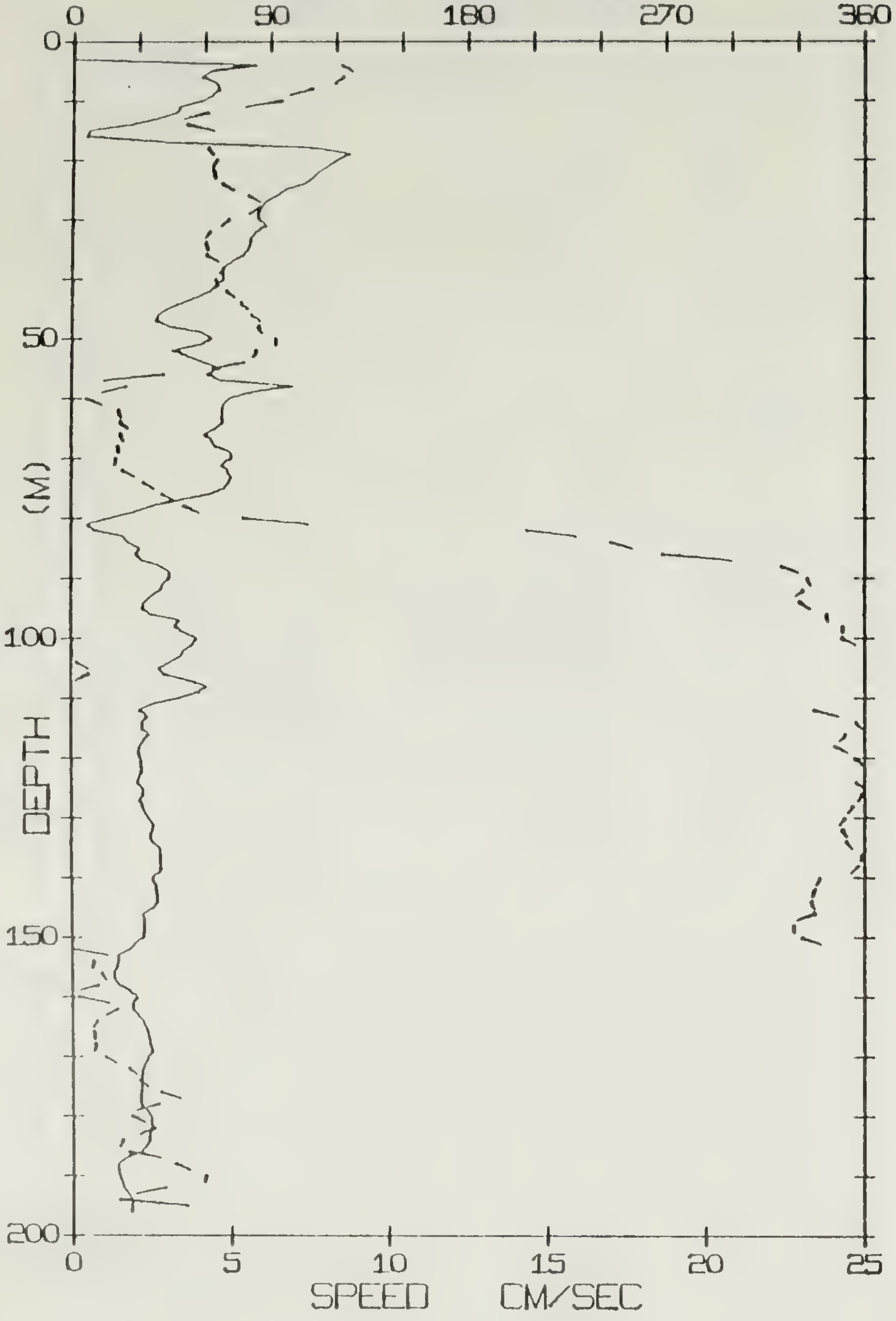

CAMP SNOWBIRD STATION 117
DATE 3/ 7/75 TIME 2104(GMT)
TRUE DIRECTION
0
90
180
270
360
0.
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

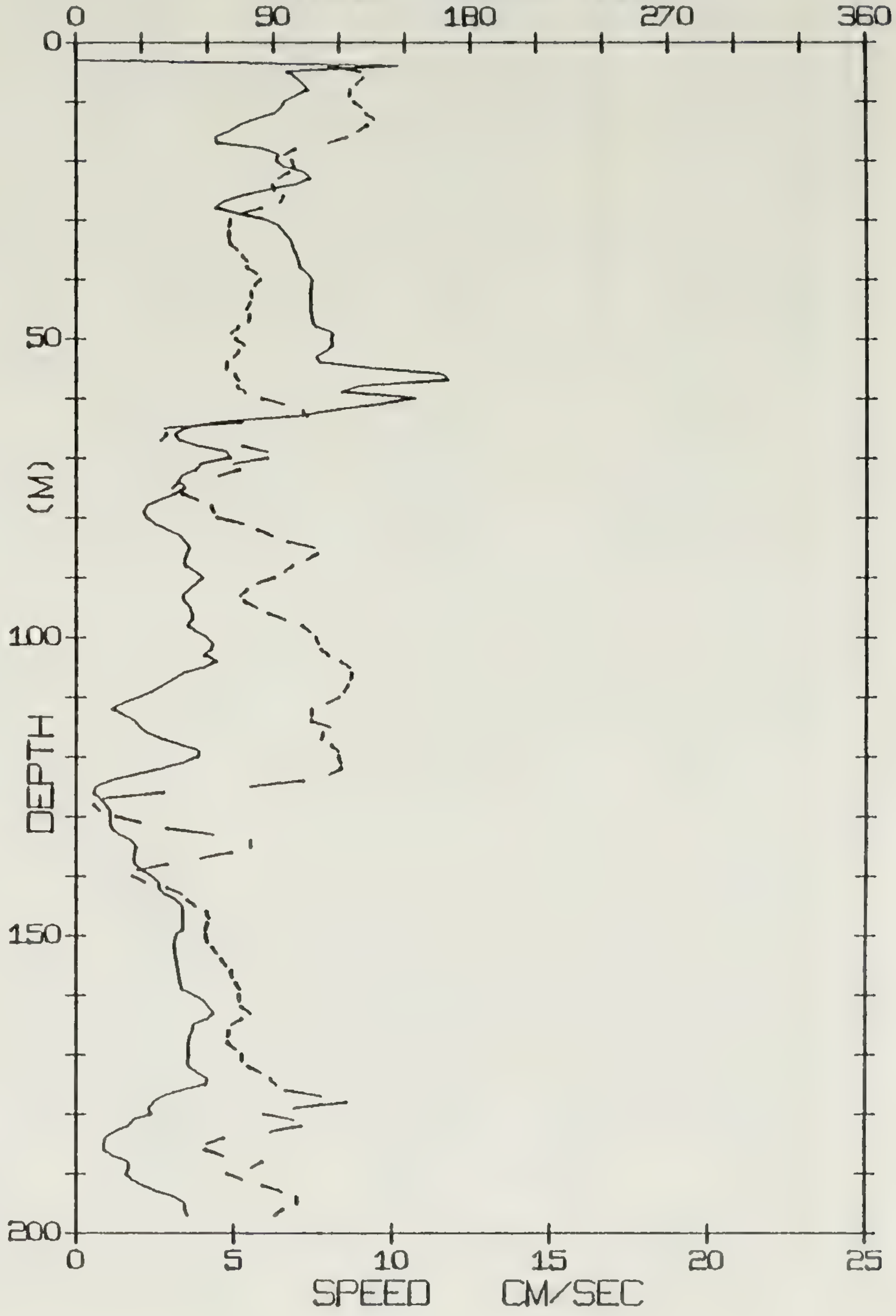
SNOWBIRD STATION 116 (196M.) 3/JUL/75 544 GMT
LAT= 76.6762N LONG= 151.5997W LTER= 19 LCER= 37
NIVEL= 5.7 EIVEL= 18.1 NVER= 0 EVER= 1

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	2.6	100.5	134	10.0	154.8
1	0.0	999.9	68	2.8	104.9	135	10.3	154.0
2	0.0	999.9	69	2.7	105.8	136	10.9	153.6
3	0.0	999.9	70	2.6	109.4	137	11.1	150.3
4	9.6	101.4	71	2.5	119.7	138	10.9	147.7
5	9.5	86.2	72	3.0	117.6	139	11.0	149.3
6	10.9	80.5	73	3.9	115.8	140	11.1	150.8
7	8.5	85.1	74	4.4	122.6	141	11.1	150.1
8	7.2	88.2	75	5.1	129.8	142	11.1	149.2
9	6.4	90.9	76	5.7	131.4	143	11.0	148.2
10	5.5	96.8	77	6.2	129.5	144	11.0	147.2
11	5.4	91.7	78	6.8	125.5	145	11.0	146.6
12	5.2	86.1	79	7.2	125.3	146	11.0	146.2
13	4.9	82.7	80	7.3	128.8	147	10.9	145.4
14	4.5	79.8	81	7.5	128.4	148	10.8	144.4
15	4.1	75.0	82	8.0	129.2	149	10.8	144.5
16	3.7	72.1	83	8.5	130.6	150	10.9	145.3
17	3.5	72.9	84	9.2	132.3	151	10.9	145.3
18	3.6	74.6	85	9.6	133.2	152	11.0	144.5
19	3.4	76.6	86	9.8	132.6	153	11.2	143.4
20	3.0	79.5	87	10.0	132.6	154	11.5	142.6
21	2.9	81.1	88	10.1	135.3	155	11.5	142.9
22	2.8	79.6	89	10.1	133.9	156	11.4	143.0
23	3.1	65.1	90	10.0	131.2	157	11.3	141.6
24	3.6	56.4	91	10.1	127.5	158	11.2	140.1
25	4.6	56.7	92	10.5	126.8	159	11.1	139.9
26	5.1	50.9	93	10.7	129.6	160	11.0	139.9
27	5.9	40.5	94	10.0	130.9	161	10.8	136.1
28	7.4	34.2	95	10.9	130.8	162	10.8	138.1
29	10.3	33.2	96	11.0	131.2	163	10.8	141.5
30	11.7	32.5	97	11.0	131.9	164	10.7	142.3
31	9.4	33.7	98	10.5	132.7	165	10.3	141.3
32	7.5	42.6	99	10.6	134.0	166	9.9	140.1
33	6.6	49.1	100	10.6	135.5	167	9.9	142.3
34	8.2	35.7	101	10.7	136.7	168	9.8	141.9
35	7.0	44.3	102	10.7	137.8	169	9.8	142.2
36	7.0	51.2	103	10.8	138.6	170	9.7	141.4
37	7.3	56.0	104	10.8	139.3	171	9.6	141.6
38	6.6	59.6	105	10.9	142.1	172	9.5	142.2
39	6.7	61.0	106	10.8	143.0	173	9.3	140.2
40	6.9	56.3	107	10.6	142.9	174	9.2	140.0
41	7.0	50.9	108	10.4	143.0	175	9.2	139.4
42	6.8	49.5	109	10.2	142.1	176	9.1	138.6
43	6.6	53.7	110	10.1	142.1	177	9.1	138.3
44	6.1	61.0	111	10.0	141.9	178	9.1	138.3
45	5.9	71.1	112	9.7	139.8	179	9.1	138.7
46	6.2	77.7	113	9.9	142.1	180	9.0	139.7
47	6.5	82.1	114	10.5	143.8	181	8.4	140.5
48	6.0	84.0	115	10.6	146.9	182	7.8	140.9
49	6.5	79.8	116	10.6	146.9	183	7.4	142.0
50	6.0	70.9	117	10.6	146.5	184	7.3	142.3
51	5.9	62.9	118	10.7	147.6	185	7.3	142.0
52	6.4	55.0	119	10.8	148.2	186	7.2	141.6
53	7.9	48.7	120	10.8	149.0	187	7.0	137.9
54	7.8	43.3	121	10.6	150.1	188	6.6	134.8
55	7.5	41.2	122	10.3	151.0	189	6.6	133.2
56	6.6	44.3	123	10.4	152.3	190	6.7	128.4
57	5.3	51.4	124	10.4	152.3	191	6.6	128.6
58	4.3	66.3	125	10.4	151.9	192	6.5	130.1
59	4.3	60.1	126	10.5	151.3	193	7.2	128.4
60	5.2	44.6	127	10.5	150.8	194	8.7	125.7
61	4.9	40.9	128	10.5	150.1	195	10.3	128.8
62	3.7	49.2	129	10.2	149.5	196	10.3	128.8
63	3.2	57.3	130	9.8	149.5			
64	3.1	41.6	131	9.6	149.4			
65	2.0	59.6	132	9.9	154.0			
66	2.2	84.4	133	9.9	154.8			

SNOWBIRD STATION 117 (192M.) 3/JUL/75 2104 GMT
LAT= 76.6950N LONG= 151.2388W LTER= 0 LCER= 0
NIVEL= 0.5 EIVEL= 18.1 NVER= 0 EVER= 0

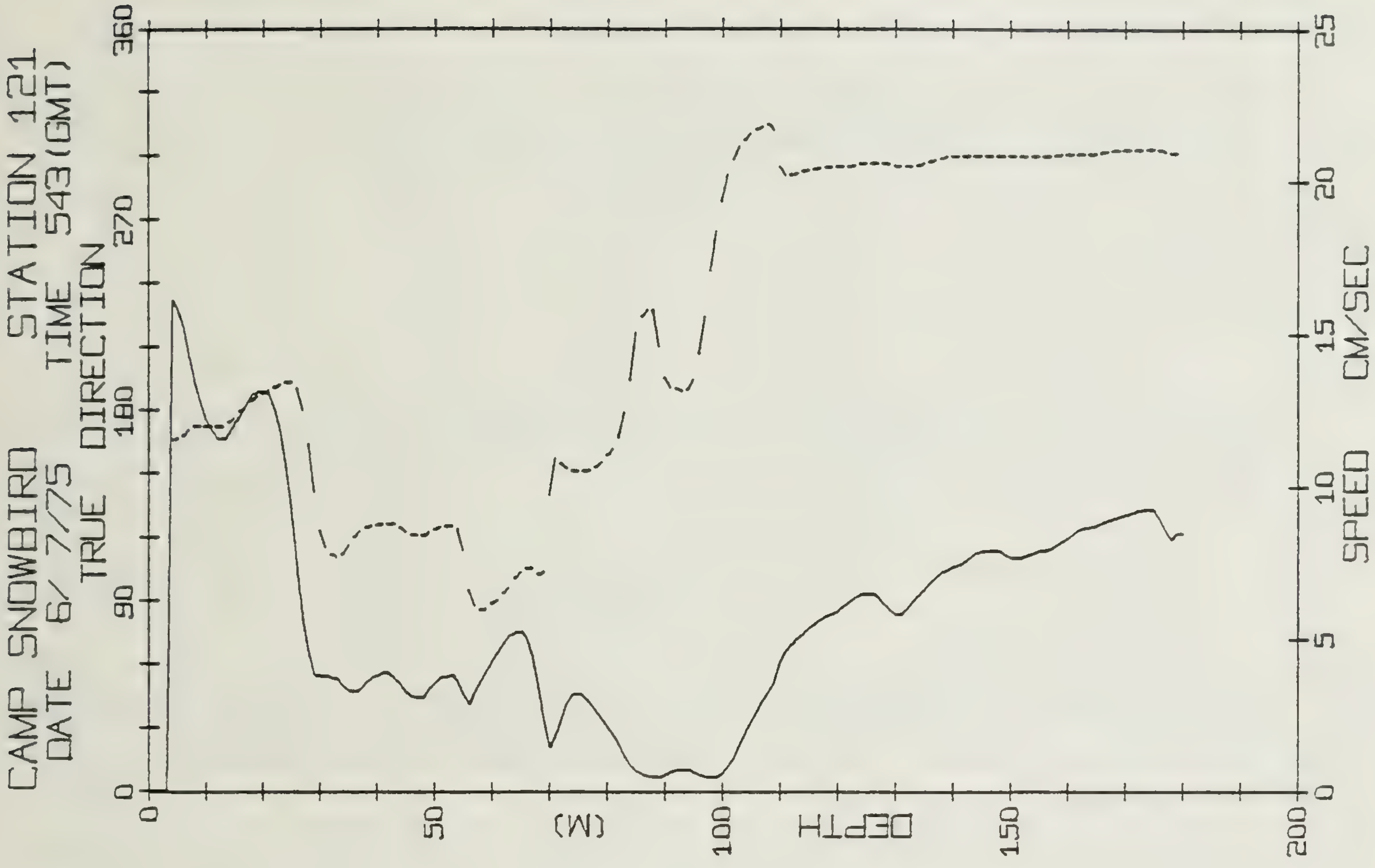
DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	2.4	297.1	134	2.4	261.0
1	0.0	999.9	68	1.6	312.2	135	2.4	262.4
2	0.0	999.9	69	1.0	2.0	136	2.5	263.0
3	0.0	999.9	70	1.2	26.9	137	3.0	262.9
4	14.9	131.4	71	0.7	21.0	138	3.3	262.8
5	13.1	135.7	72	0.5	282.5	139	3.0	262.5
6	12.7	135.5	73	1.4	259.6	140	2.9	262.1
7	12.9	134.6	74	1.9	259.6	141	2.6	261.2
8	12.7	136.3	75	1.9	257.6	142	2.4	260.1
9	12.1	137.3	76	1.4	251.1	143	2.5	259.8
10	11.9	136.0	77	1.1	231.8	144	2.6	260.3
11	11.9	138.9	78	1.5	220.4	145	2.7	260.6
12	12.1	137.6	79	2.1	228.6	146	2.8	260.3
13	11.6	136.3	80	2.3	233.4	147	2.9	260.3
14	10.1	132.5	81	2.8	238.8	148	3.3	260.8
15	8.2	127.1	82	2.4	233.5	149	3.5	260.9
16	7.4	127.7	83	2.1	226.4	150	3.6	260.6
17	6.7	130.2	84	2.2	229.0	151	3.7	260.5
18	6.3	124.3	85	2.2	231.0	152	4.1	260.9
19	6.1	118.2	86	1.8	225.0	153	4.0	261.3
20	6.4	116.0	87	1.4	212.8	154	4.1	261.5
21	6.8	118.9	88	1.3	203.8	155	4.2	261.4
22	7.2	124.4	89	1.2	184.9	156	3.9	261.1
23	7.9	127.6	90	1.4	200.3	157	3.8	260.5
24	8.0	127.6	91	1.9	198.4	158	4.0	260.4
25	6.6	118.2	92	2.9	187.5	159	3.7	259.8
26	5.5	94.4	93	3.6	187.0	160	3.3	259.1
27	5.9	79.4	94	3.6	194.2	161	3.5	259.0
28	5.8	75.9	95	3.1	212.9	162	3.4	259.2
29	8.4	58.6	96	2.9	239.5	163	3.6	260.1
30	10.1	54.8	97	2.8	256.9	164	3.7	260.8
31	5.1	79.2	98	2.9	270.8	165	3.6	260.7
32	4.9	84.1	99	3.0	275.2	166	3.4	260.3
33	6.2	59.4	100	2.8	271.7	167	3.3	259.9
34	5.7	69.6	101	2.9	266.4	168	3.2	259.5
35	5.5	78.4	102	3.0	261.3	169	3.1	259.5
36	5.3	85.3	103	2.5	266.4	170	3.1	260.0
37	5.2	89.2	104	2.3	268.9	171	2.9	259.8
38	5.5	84.4	105	2.4	271.5	172	2.9	259.8
39	5.4	78.6	106	2.6	274.6	173	3.0	259.9
40	5.5	72.5	107	2.6	274.7	174	3.4	260.2
41	5.5	67.0	108	2.4	273.3	175	3.3	260.5
42	5.2	68.5	109	2.1	269.4	176	3.3	261.0
43	5.0	73.6	110	2.0	266.9	177	2.8	261.6
44	5.0	79.9	111	2.0	264.6	178	2.7	261.6
45	5.0	82.2	112	2.0	264.7	179	2.3	261.7
46	5.3	83.9	113	2.0	264.8	180	2.6	262.1
47	5.4	84.8	114	2.2	264.9	181	2.3	263.1
48	5.2	85.2	115	2.4	267.8	182	2.4	262.6
49	5.1	84.8	116	2.5	269.7	183	2.2	260.3
50	5.1	85.5	117	2.5	270.2	184	2.4	259.2
51	4.8	90.5	118	2.6	270.7	185	2.2	256.7
52	4.3	102.8	119	2.6	271.1	186	2.2	254.8
53	3.6	116.1	120	2.5	271.1	187	2.5	254.5
54	2.7	127.1	121	2.4	271.5	188	2.5	269.8
55	2.0	143.8	122	2.1	271.9	189	1.8	275.8
56	1.5	178.8	123	1.8	273.1	190	2.2	272.4
57	2.1	219.5	124	1.8	269.6	191	1.7	273.2
58	3.8	243.4	125	1.8	259.8	192	1.7	273.2
59	4.6	251.9	126	1.7	251.7			
60	4.2	256.2	127	2.2	253.1			
61	4.0	255.9	128	2.1	253.4			
62	3.3	261.1	129	2.0	253.2			
63	2.5	274.3	130	2.3	254.9			
64	2.4	291.2	131	2.5	256.8			
65	2.6	294.5	132	2.6	257.8			
66	2.7	293.9	133	2.5	259.2			

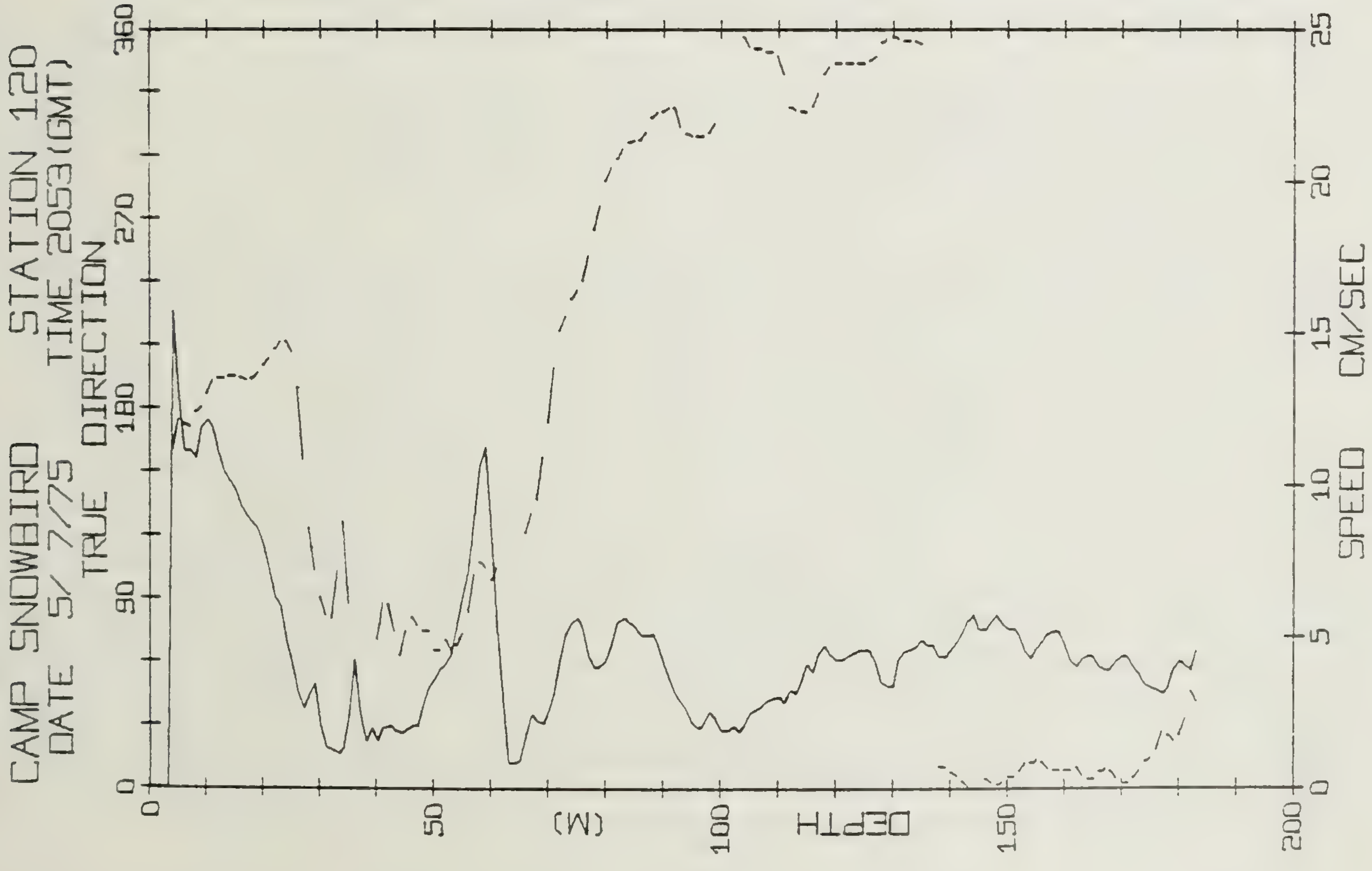

CAMP SNOWBIRD STATION 118
DATE 4/ 7/75 TIME 543(GMT)


CAMP SNOWBIRD STATION 119
DATE 5/ 7/75 TIME 544(GMT)

```
SNOWBIRD STATION 118     (196M.)       4/JUL/75        543 GMT
LAT= 76.6921N  LONG= 151.1059W  LTER=     2.   LCER=     4.
NIVEL=   -8.9   EIVEL=  11.8      NVER=     0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    4.4    23.4      134    2.5   352.2
  1    0.0   999.9       68    4.5    21.2      135    2.8   354.3
  2    0.0   999.9       69    5.0    21.3      136    2.8   358.6
  3    0.0   999.9       70    5.0    19.8      137    2.8   358.2
  4    5.8   122.3       71    4.7    19.4      138    2.8   357.2
  5    4.3   126.6       72    4.9    23.1      139    2.8   354.2
  6    4.0   122.5       73    5.0    28.2      140    2.5   339.7
  7    4.5   119.4       74    5.0    32.6      141    2.6   338.4
  8    4.6   108.8       75    4.8    36.9      142    2.7   337.2
  9    4.4    98.8       76    4.4    41.1      143    2.7   336.4
 10    4.1    95.0       77    3.4    46.3      144    2.7   335.8
 11    3.4    78.9       78    2.5    51.5      145    2.6   337.2
 12    3.3    61.3       79    2.0    57.7      146    2.3   337.2
 13    2.7    50.9       80    1.2    78.4      147    2.3   329.7
 14    1.8    51.9       81    0.5   107.7      148    2.3   327.7
 15    0.5    63.6       82    0.7   206.7      149    2.2   328.0
 16    0.4   152.4       83    1.6   229.3      150    2.2   331.6
 17    3.0    53.9       84    1.8   244.9      151    2.0   339.7
 18    7.7    61.7       85    2.1   254.6      152    1.8     0.4
 19    8.7    63.5       86    2.0   268.5      153    1.5    15.7
 20    8.4    65.3       87    2.2   299.6      154    1.4     9.9
 21    8.1    63.8       88    2.8   322.1      155    1.4     9.0
 22    7.8    64.3       89    3.1   329.7      156    1.3    13.6
 23    7.6    64.8       90    3.1   334.3      157    1.3    15.2
 24    7.3    68.2       91    2.9   335.4      158    1.5    11.7
 25    6.7    72.8       92    2.8   332.0      159    1.8     3.0
 26    6.4    80.1       93    2.5   329.0      160    2.0     3.0
 27    6.1    84.9       94    2.3   330.4      161    1.9    16.2
 28    5.9    85.2       95    2.2   334.9      162    1.9    20.4
 29    5.9    80.5       96    2.5   342.9      163    2.1    15.5
 30    5.9    71.0       97    3.4   343.7      164    2.2    11.1
 31    6.1    67.9       98    3.2   350.1      165    2.3     9.5
 32    5.8    62.3       99    3.5   350.4      166    2.4     9.9
 33    5.7    60.5      100    4.0   349.9      167    2.4    10.2
 34    5.6    60.8      101    3.8   355.2      168    2.5    10.8
 35    5.5    61.7      102    3.6     0.1      169    2.5     9.8
 36    5.4    61.0      103    3.4     0.2      170    2.4    14.8
 37    5.1    65.8      104    3.1     2.2      171    2.3    19.2
 38    4.8    68.3      105    2.8     7.2      172    2.2    25.6
 39    4.8    67.1      106    2.9     7.6      173    2.2    29.0
 40    4.8    65.6      107    3.7     2.0      174    2.2    30.6
 41    4.6    66.4      108    4.3   357.8      175    2.2    34.0
 42    4.4    70.3      109    4.0     0.8      176    2.1    40.0
 43    4.0    73.1      110    3.4     5.4      177    2.1    48.5
 44    3.5    76.8      111    2.6   354.1      178    2.2    38.9
 45    3.0    79.6      112    2.1   337.3      179    2.3    29.3
 46    2.7    81.6      113    2.4   348.0      180    2.5    26.9
 47    2.6    85.2      114    2.2   356.1      181    2.5    32.2
 48    3.1    84.9      115    2.2   358.7      182    2.5    36.9
 49    4.1    86.1      116    2.4   351.5      183    2.4    30.9
 50    4.4    92.8      117    2.3   349.1      184    2.4    22.8
 51    4.1    92.6      118    2.1   346.7      185    2.3    21.3
 52    3.2    83.9      119    2.1   351.9      186    2.1    25.7
 53    3.7    82.5      120    2.2   355.3      187    1.7    39.3
 54    4.1    78.2      121    2.2   359.2      188    1.4    46.8
 55    4.7    64.2      122    2.2     0.2      189    1.4    52.8
 56    4.3    41.5      123    2.1   359.8      190    1.5    60.6
 57    4.7    14.7      124    2.1   356.2      191    1.6    59.9
 58    7.0    24.5      125    2.2   359.9      192    1.6    42.1
 59    5.7    13.9      126    2.3   359.1      193    1.7    29.0
 60    5.0     6.4      127    2.1   357.1      194    1.9    21.4
 61    4.8    13.2      128    2.2   354.8      195    1.8    52.0
 62    4.7    21.3      129    2.3   352.9      196    1.8    52.0
 63    4.7    22.5      130    2.4   351.3
 64    4.8    22.2      131    2.6   349.0
 65    4.5    25.4      132    2.5   350.1
 66    4.2    22.3      133    2.5   351.9
```

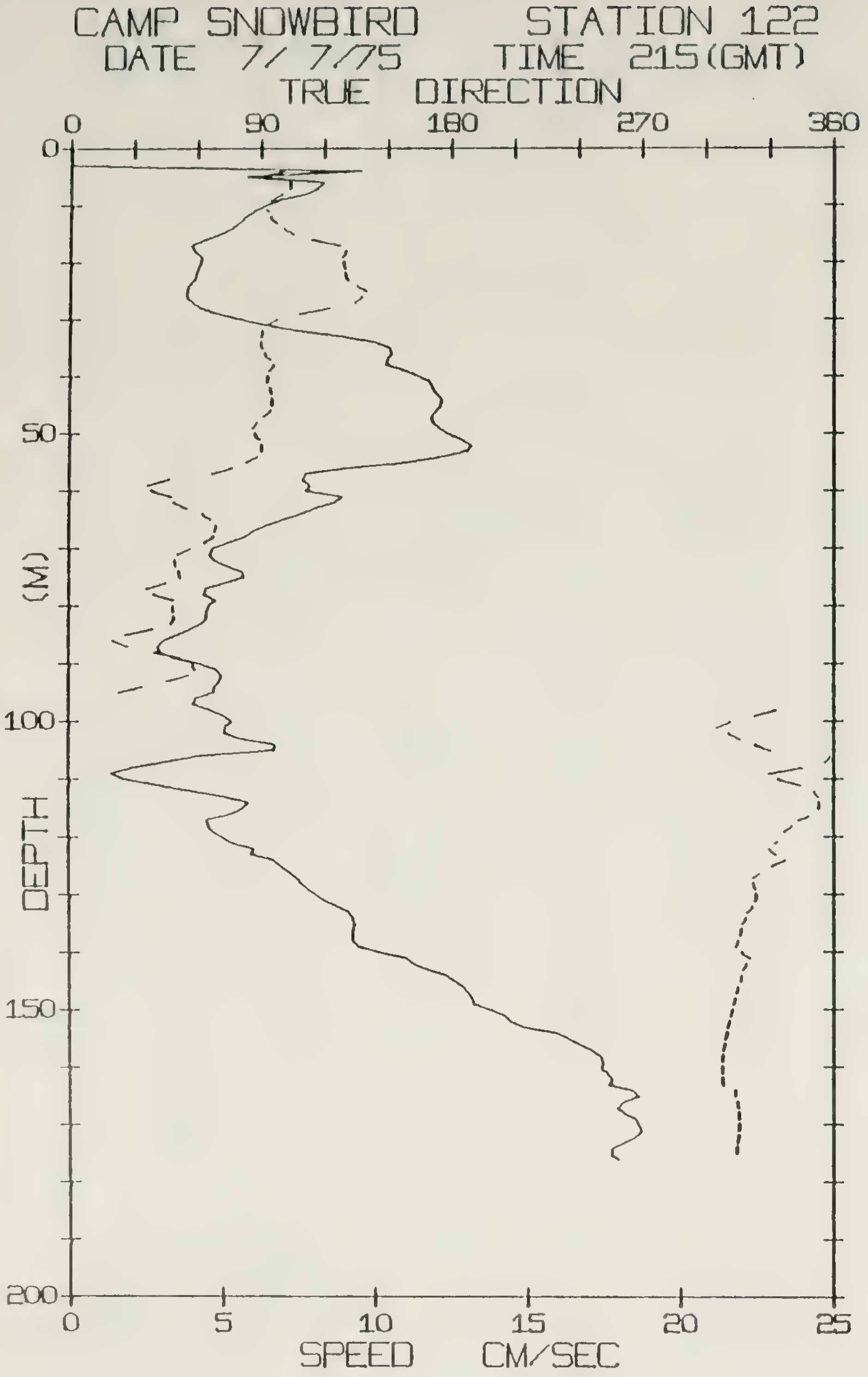
```
SNOWBIRD STATION 119     (197M.)       5/JUL/75        544 GMT
LAT= 76.6260N  LONG= 150.7740W  LTER=     2.   LCER=     3.
NIVEL=   -9.8   EIVEL=  12.1      NVER=     0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    3.3    38.9      134    1.7    79.7
  1    0.0   999.9       68    3.8    75.8      135    1.9    79.7
  2    0.0   999.9       69    4.8    86.6      136    1.9    70.9
  3    0.0   999.9       70    4.9    87.6      137    1.8    57.0
  4   10.2   115.5       71    3.9    72.1      138    1.9    41.9
  5    6.7   129.7       72    3.8    74.6      139    2.1    28.3
  6    7.0   131.0       73    3.3    65.2      140    2.4    25.8
  7    7.2   128.2       74    3.2    46.6      141    2.6    31.1
  8    7.4   125.0       75    3.5    44.4      142    2.7    41.7
  9    7.0   124.7       76    3.2    48.4      143    2.8    48.2
 10    6.6   126.9       77    2.7    55.4      144    3.2    50.8
 11    6.5   130.1       78    2.2    61.5      145    3.4    54.4
 12    6.3   132.2       79    2.1    62.9      146    3.4    59.6
 13    5.7   135.9       80    2.2    64.6      147    3.4    60.7
 14    5.2   133.0       81    2.5    76.0      148    3.4    59.7
 15    4.9   128.6       82    2.9    82.8      149    3.4    58.7
 16    4.4   123.6       83    3.3    89.2      150    3.2    59.1
 17    4.5   115.3       84    3.5    96.5      151    3.1    60.0
 18    5.9    99.9       85    3.6   108.4      152    3.1    62.2
 19    6.4    95.4       86    3.5   109.9      153    3.2    64.4
 20    6.3    98.5       87    3.4   105.4      154    3.2    66.5
 21    6.6    99.7       88    3.4    98.7      155    3.2    68.6
 22    7.2    97.1       89    3.8    94.9      156    3.3    70.7
 23    7.4    92.5       90    4.0    90.0      157    3.3    71.6
 24    7.0    89.5       91    3.8    82.6      158    3.3    73.0
 25    6.0    90.6       92    3.6    77.8      159    3.4    75.0
 26    5.2    94.6       93    3.4    75.2      160    3.7    74.4
 27    4.7    93.0       94    3.4    76.7      161    4.0    74.5
 28    4.4    84.5       95    3.6    82.1      162    4.2    75.9
 29    5.1    74.6       96    3.7    87.8      163    4.4    79.5
 30    6.0    70.4       97    3.7    95.0      164    4.2    75.5
 31    6.4    69.7       98    3.5   103.4      165    3.7    71.2
 32    6.6    70.0       99    3.8   106.4      166    3.7    69.9
 33    6.7    69.9      100    4.1   109.3      167    3.6    69.3
 34    6.9    70.7      101    4.3   110.5      168    3.5    69.6
 35    6.9    73.3      102    4.3   111.7      169    3.5    72.6
 36    7.0    75.7      103    4.0   115.2      170    3.6    75.6
 37    7.1    78.1      104    4.5   120.9      171    3.5    76.0
 38    7.1    78.1      105    4.1   124.6      172    3.6    78.7
 39    7.3    82.2      106    3.4   125.7      173    3.8    83.9
 40    7.5    83.9      107    3.1   125.2      174    4.1    88.6
 41    7.4    81.4      108    2.8   124.0      175    4.1    91.0
 42    7.4    79.9      109    2.5   122.4      176    3.4    96.1
 43    7.4    80.1      110    2.0   119.6      177    2.8   111.6
 44    7.4    79.1      111    1.5   114.6      178    2.5   123.4
 45    7.4    77.6      112    1.1   107.5      179    2.3    99.8
 46    7.5    79.2      113    1.5   107.5      180    2.4    85.6
 47    7.5    78.5      114    1.9   107.1      181    1.8    99.2
 48    7.6    74.0      115    2.0   115.5      182    1.7   102.8
 49    8.1    71.2      116    2.2   112.6      183    1.2    88.7
 50    8.1    72.8      117    2.7   111.6      184    0.9    67.7
 51    8.1    76.6      118    3.3   116.1      185    0.9    59.8
 52    7.9    74.3      119    3.9   119.1      186    0.9    59.0
 53    7.6    72.1      120    3.9   119.6      187    1.1    67.1
 54    7.7    69.1      121    3.4   120.8      188    1.6    84.9
 55    9.4    68.3      122    2.7   120.7      189    1.7    80.4
 56   11.6    72.4      123    1.9   115.5      190    1.6    69.3
 57   11.8    74.1      124    1.1   103.8      191    1.8    76.1
 58    9.0    73.6      125    0.6    79.6      192    2.1    85.1
 59    8.4    77.3      126    0.6    40.0      193    2.6    93.9
 60   10.7    84.6      127    0.7    12.9      194    3.1   100.7
 61    9.7    94.5      128    0.9     8.4      195    3.4   101.0
 62    8.2   103.5      129    1.1    10.8      196    3.5    94.7
 63    7.1   105.2      130    1.1    18.2      197    3.5    90.6
 64    4.5    75.7      131    1.1    29.2
 65    3.5    40.6      132    1.1    41.8
 66    3.2    41.4      133    1.3    62.0
```

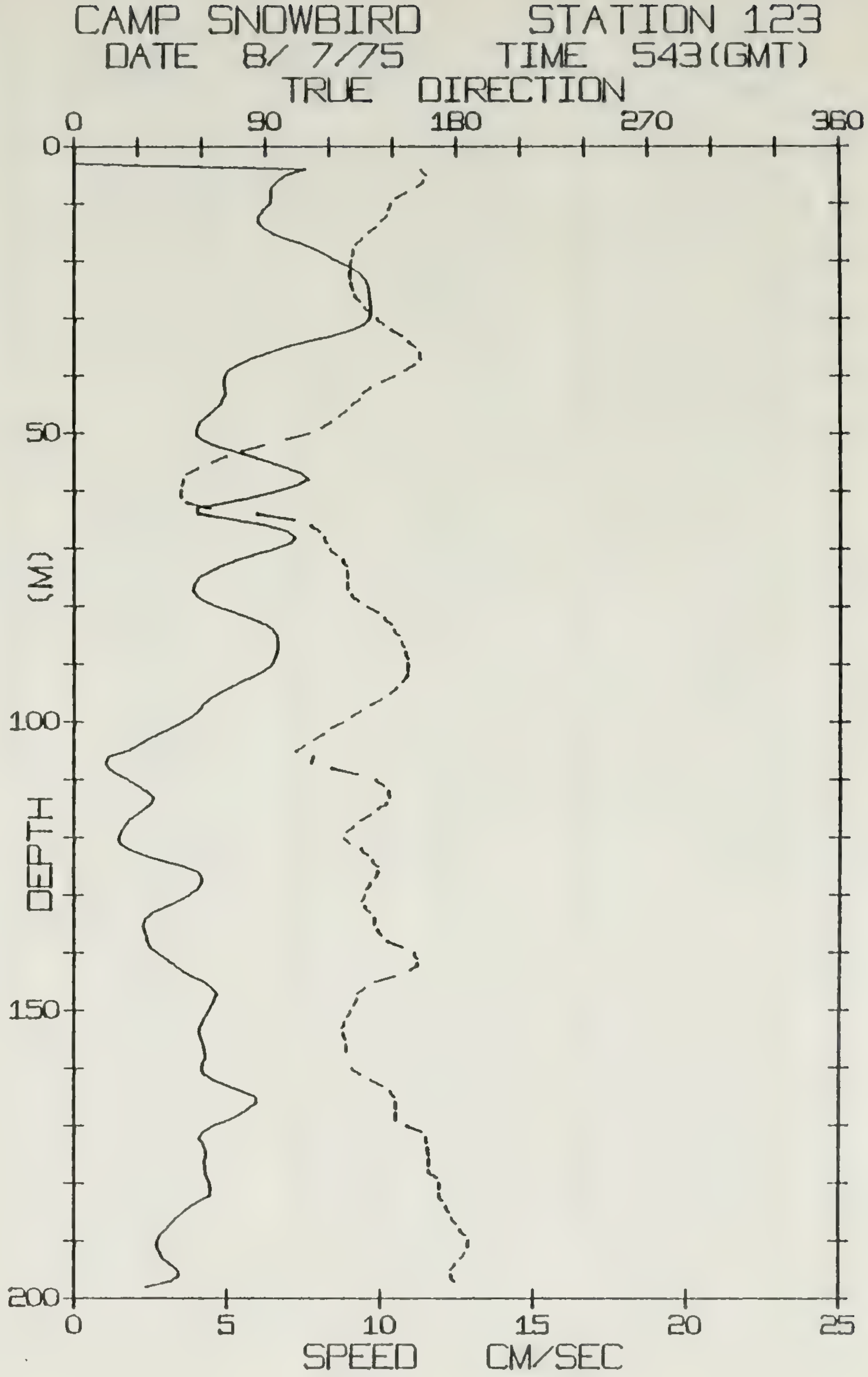

CAMP SNOWBIRD STATION 121
DATE 6/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 120
DATE 5/ 7/75 TIME 2053(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 120     (180M.)        5/JUL/75      2053 GMT
LAT= 76.5533N  LONG= 150.5503W  LTER=    1    LGER=    2
NIVEL= -17.1   EIVEL=  14.8     NVER=    0    EVER=    0

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    2.5   130.9       134    4.7   353.6
  1    0.0   999.9        68    2.2   138.0       135    4.9   352.4
  2    0.0   999.9        69    2.1   157.8       136    4.7   359.7
  3    0.0   999.9        70    2.6   174.4       137    4.7     5.5
  4   15.8   160.5        71    3.2   200.4       138    4.3     9.8
  5   13.0   175.3        72    4.3   217.7       139    4.3    10.4
  6   11.1   172.2        73    5.1   224.5       140    4.6     7.5
  7   11.1   171.2        74    5.5   232.5       141    4.8     5.5
  8   10.9   179.2        75    5.7   236.7       142    5.1     3.0
  9   11.9   181.4        76    5.3   241.7       143    5.5     0.5
 10   12.2   187.6        77    4.3   253.4       144    5.8   359.3
 11   11.9   193.8        78    4.0   265.8       145    5.2     3.8
 12   11.1   195.0        79    4.1   276.6       146    5.2     4.3
 13   10.4   194.1        80    4.3   288.8       147    5.5     2.5
 14   10.1   195.9        81    4.8   294.8       148    5.7     1.3
 15    9.8   195.2        82    5.5   299.1       149    5.4     3.7
 16    9.3   194.1        83    5.7   304.0       150    5.2     5.9
 17    9.0   193.0        84    5.5   307.2       151    5.3     5.9
 18    8.7   194.8        85    5.3   307.7       152    5.0     8.7
 19    8.5   197.6        86    5.0   308.4       153    4.5    12.4
 20    7.9   201.1        87    5.0   311.6       154    4.3    11.6
 21    7.1   204.6        88    5.1   318.5       155    4.6    14.3
 22    6.3   208.8        89    4.7   321.0       156    4.8    12.0
 23    6.0   212.3        90    4.2   321.8       157    5.1     9.1
 24    4.9   212.1        91    3.6   323.3       158    5.2     8.0
 25    4.1   206.5        92    3.1   323.3       159    5.1     8.8
 26    3.2   189.9        93    2.8   313.5       160    4.7     8.4
 27    2.6   155.7        94    2.6   310.0       161    4.2     8.0
 28    3.1   123.0        95    2.2   308.9       162    4.0    10.0
 29    3.5   103.1        96    2.0   308.4       163    4.3     5.6
 30    2.1    90.2        97    2.2   309.9       164    4.4     3.8
 31    1.3    81.7        98    2.6   311.6       165    4.3     4.8
 32    1.2    80.3        99    2.3   315.6       166    4.0     8.0
 33    1.1   103.4       100    1.9   324.3       167    3.9     9.5
 34    1.3   127.2       101    1.9     0.3       168    4.0     7.8
 35    2.4    87.3       102    2.1   355.7       169    4.2     4.2
 36    4.3    77.6       103    1.9     2.4       170    4.4     1.9
 37    2.5   131.3       104    2.1   356.8       171    4.3     2.6
 38    1.5   118.8       105    2.5   351.2       172    4.0     5.5
 39    2.0    73.6       106    2.7   350.4       173    3.7     8.8
 40    1.6    70.5       107    2.8   350.1       174    3.4    13.1
 41    2.0    88.5       108    2.9   348.5       175    3.3    15.1
 42    2.1    87.0       109    3.0   348.7       176    3.2    18.8
 43    1.9    74.2       110    3.1   346.7       177    3.1    27.3
 44    1.8    63.0       111    2.8   338.2       178    3.3    24.8
 45    2.0    75.3       112    3.3   322.6       179    3.9    21.8
 46    2.1    81.7       113    3.1   321.0       180    4.2    25.7
 47    2.0    77.4       114    3.5   320.4       181    4.0    33.3
 48    2.8    74.6       115    4.1   319.8       182    3.9    46.1
 49    3.4    74.2       116    3.8   323.4       183    4.5    40.7
 50    3.6    65.4       117    4.5   329.9
 51    4.0    66.1       118    4.7   339.0
 52    4.2    70.7       119    4.4   342.8
 53    4.5    64.7       120    4.2   344.2
 54    5.5    68.5       121    4.3   344.1
 55    6.4    74.4       122    4.4   344.3
 56    7.2    84.5       123    4.5   343.8
 57    8.9   102.0       124    4.6   343.7
 58   10.7   107.8       125    4.6   344.0
 59   11.3   104.3       126    4.5   345.5
 60    8.5    98.8       127    4.1   347.7
 61    5.4   105.6       128    3.5   353.7
 62    3.1   108.8       129    3.3   356.1
 63    0.8    38.3       130    3.4   356.9
 64    0.9     5.3       131    4.3   354.8
 65    1.0   103.8       132    4.5   353.9
 66    1.7   122.2       133    4.6   353.7
```

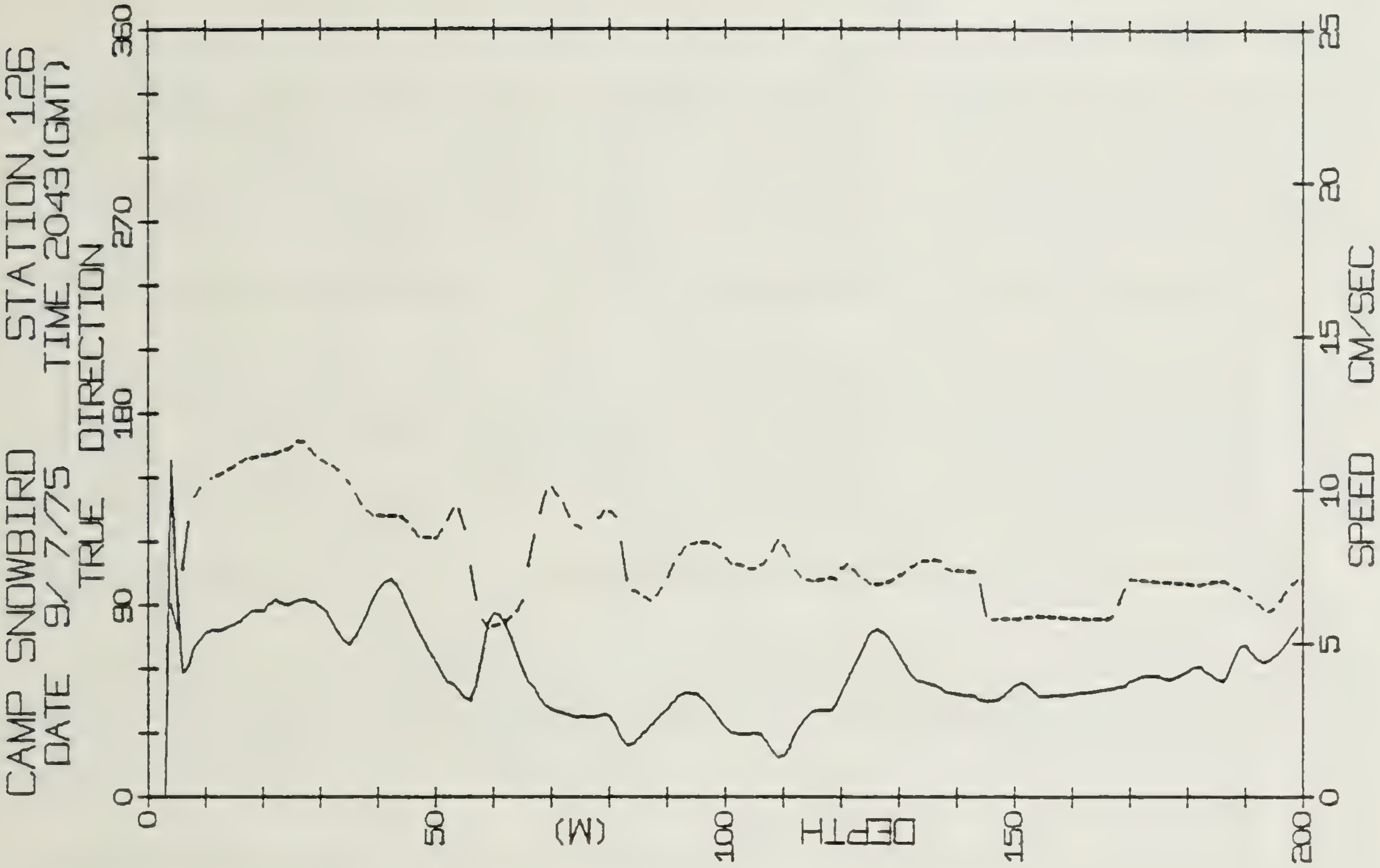
```
SNOWBIRD STATION 121     (180M.)        6/JUL/75       543 GMT
LAT= 76.5204N  LONG= 150.3241W  LTER=    1    LGER=    1
NIVEL=  17.9   EIVEL=  14.7     NVER=    0    EVER=    0

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    4.4   105.2       134    6.4   295.9
  1    0.0   999.9        68    3.5   101.9       135    6.6   297.1
  2    0.0   999.9        69    2.4   104.1       136    6.9   297.8
  3    0.0   999.9        70    1.4   140.4       137    7.0   298.7
  4   16.2   166.1        71    1.8   157.6       138    7.2   299.3
  5   15.8   167.3        72    2.4   154.2       139    7.3   300.1
  6   15.2   168.4        73    2.9   151.7       140    7.4   300.0
  7   14.2   171.1        74    3.2   150.5       141    7.5   300.3
  8   13.4   173.0        75    3.2   150.5       142    7.6   300.5
  9   12.7   172.7        76    3.0   151.3       143    7.7   300.7
 10   12.1   171.9        77    2.9   152.2       144    7.8   300.4
 11   11.8   171.7        78    2.6   153.5       145    7.9   300.3
 12   11.5   172.0        79    2.4   155.7       146    7.9   300.2
 13   11.5   172.6        80    2.1   158.8       147    7.9   299.9
 14   11.8   174.8        81    1.8   162.2       148    7.9   299.9
 15   12.1   176.9        82    1.5   167.7       149    7.7   300.0
 16   12.4   179.8        83    1.1   179.2       150    7.6   299.9
 17   12.7   182.5        84    0.8   194.6       151    7.6   300.3
 18   13.0   185.0        85    0.6   216.9       152    7.7   300.3
 19   13.1   187.2        86    0.5   224.5       153    7.8   300.1
 20   13.1   188.6        87    0.5   227.5       154    7.8   300.0
 21   13.0   190.0        88    0.4   226.5       155    7.9   299.9
 22   12.5   191.2        89    0.5   209.8       156    7.9   300.0
 23   11.8   192.6        90    0.6   194.6       157    8.0   300.4
 24   10.5   193.5        91    0.7   190.0       158    8.1   300.9
 25    9.1   193.2        92    0.7   189.4       159    8.2   301.3
 26    7.2   189.7        93    0.7   188.4       160    8.3   301.5
 27    5.6   179.8        94    0.7   189.9       161    8.5   301.6
 28    4.5   163.5        95    0.6   194.9       162    8.6   301.5
 29    3.8   141.1        96    0.5   206.9       163    8.7   301.5
 30    3.7   122.7        97    0.4   224.3       164    8.7   301.3
 31    3.7   114.7        98    0.4   245.8       165    8.8   301.9
 32    3.7   111.4        99    0.5   264.3       166    8.8   302.4
 33    3.6   109.7       100    0.6   278.8       167    8.9   302.9
 34    3.4   112.2       101    0.9   291.2       168    9.0   303.3
 35    3.2   116.6       102    1.1   298.5       169    9.0   303.3
 36    3.3   120.3       103    1.5   304.4       170    9.1   303.4
 37    3.4   123.6       104    2.0   307.8       171    9.2   303.4
 38    3.6   125.0       105    2.3   310.8       172    9.2   303.3
 39    3.8   126.1       106    2.7   312.7       173    9.3   303.7
 40    3.9   126.5       107    3.0   314.1       174    9.3   303.8
 41    3.9   127.0       108    3.3   315.2       175    9.2   303.5
 42    3.8   126.8       109    3.6   311.6       176    8.9   302.4
 43    3.7   125.8       110    4.2   294.6       177    8.6   301.5
 44    3.5   124.1       111    4.6   290.0       178    8.3   300.7
 45    3.2   122.0       112    4.8   291.2       179    8.5   301.0
 46    3.1   120.6       113    5.0   292.1       180    8.5   301.0
 47    3.0   120.1       114    5.2   292.9
 48    3.1   120.7       115    5.4   293.7
 49    3.4   122.8       116    5.5   294.3
 50    3.6   124.2       117    5.7   294.8
 51    3.8   125.4       118    5.8   295.3
 52    3.8   125.8       119    5.9   295.3
 53    3.8   125.4       120    5.9   295.3
 54    3.6   123.0       121    6.1   295.4
 55    3.1   113.1       122    6.3   295.5
 56    2.8    94.6       123    6.4   296.2
 57    3.3    87.4       124    6.5   296.7
 58    3.6    85.3       125    6.5   297.0
 59    4.0    86.8       126    6.5   297.1
 60    4.3    89.1       127    6.4   296.9
 61    4.6    91.0       128    6.1   296.4
 62    4.9    93.9       129    6.0   295.5
 63    5.1    96.9       130    5.8   294.5
 64    5.3   100.7       131    5.8   294.5
 65    5.2   103.8       132    6.0   294.4
 66    5.0   105.6       133    6.2   295.0
```

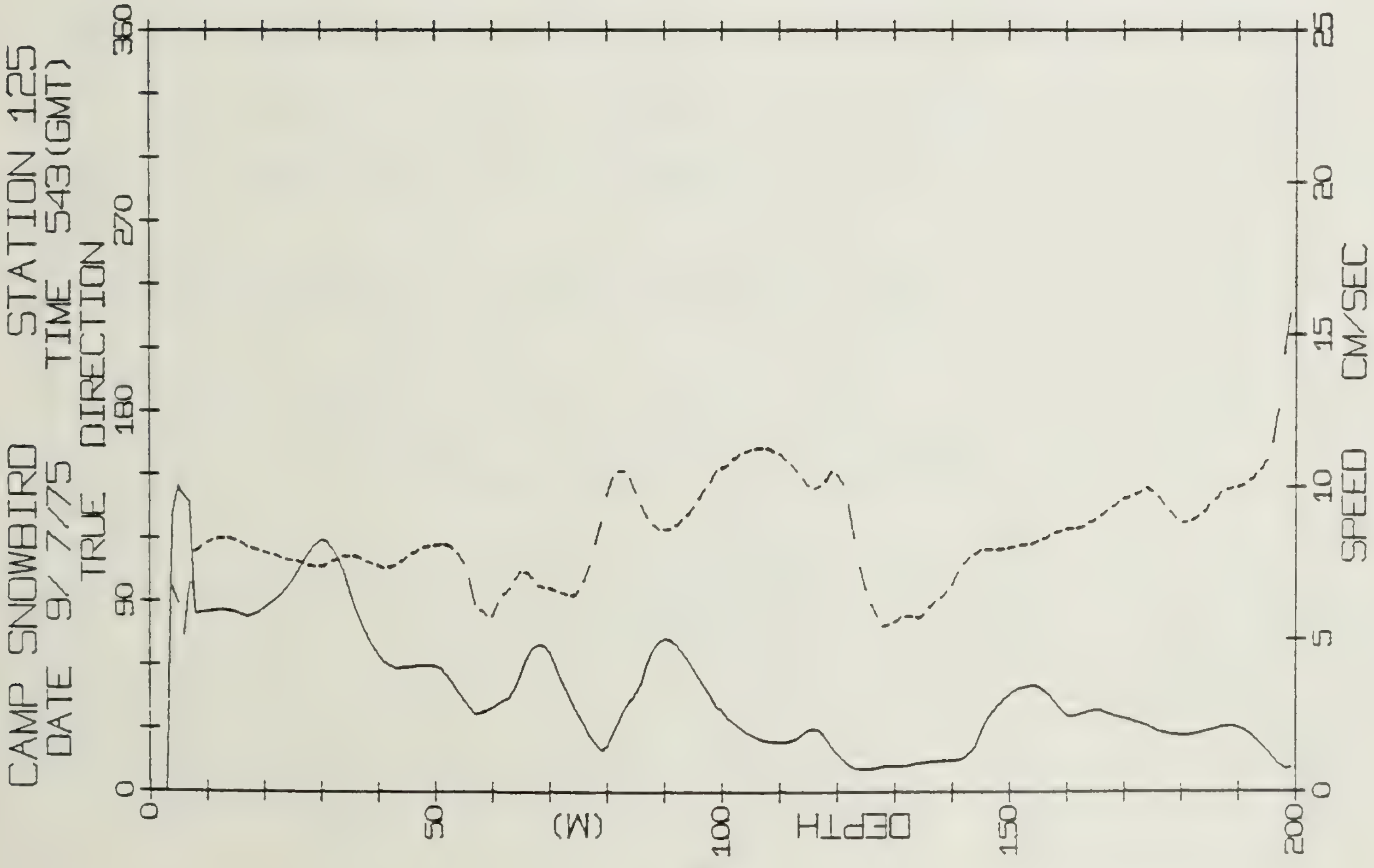

CAMP SNOWBIRD STATION 122
DATE 7/ 7/75 TIME 215(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 123
DATE 8/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 122     (176M )        7/JUL/75       215 GMT
LAT= 76.5414N  LONG= 150.1704W  LTER=  585   LGER=  582
NIVEL=   9.3   EIVEL=  11.6     NVER=    3   EVER=    3

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6.0    68.5      134    9.3   318.7
  1    0.0   999.9       68    5.8    67.8      135    9.4   317.4
  2    0.0   999.9       69    5.2    63.8      136    9.3   316.7
  3    0.0   999.9       70    4.7    57.2      137    9.3   316.1
  4    9.5   100.7       71    4.6    51.8      138    9.3   315.1
  5    5.8    89.3       72    4.7    50.1      139    9.5   314.1
  6    8.3   103.5       73    5.1    50.5      140   10.2   317.1
  7    8.1   103.8       74    5.7    52.0      141   11.0   320.6
  8    7.8    99.6       75    5.7    52.6      142   11.3   319.0
  9    6.9    94.9       76    5.1    45.8      143   11.8   317.6
 10    6.4    91.8       77    4.5    36.9      144   12.4   316.9
 11    6.0    93.2       78    4.4    39.7      145   12.6   316.1
 12    5.7    94.5       79    4.8    49.0      146   12.9   315.0
 13    5.6    96.7       80    4.6    48.8      147   13.1   314.2
 14    5.3   100.9       81    4.5    48.8      148   13.2   313.5
 15    4.9   105.2       82    4.5    49.6      149   13.3   313.0
 16    4.4   114.2       83    4.4    47.8      150   13.8   312.2
 17    4.0   126.8       84    4.0    39.3      151   14.3   311.6
 18    4.1   129.9       85    3.6    27.0      152   14.5   310.9
 19    4.3   128.6       86    3.1    21.0      153   14.9   310.1
 20    4.3   129.2       87    2.9    27.4      154   16.0   309.9
 21    4.2   129.9       88    3.0    40.4      155   16.4   309.2
 22    4.1   129.9       89    3.5    52.7      156   16.7   308.7
 23    4.1   131.0       90    4.3    58.6      157   17.1   308.1
 24    3.9   135.6       91    4.8    59.3      158   17.4   307.8
 25    3.8   139.7       92    5.0    56.4      159   17.5   307.8
 26    3.8   138.0       93    4.9    46.6      160   17.4   307.8
 27    4.0   134.8       94    4.8    34.6      161   17.6   307.9
 28    4.3   122.7       95    4.7    23.9      162   17.8   308.0
 29    4.8   108.6       96    4.2     8.8      163   17.7   308.5
 30    5.6    97.6       97    4.0   348.9      164   18.5   314.0
 31    6.4    92.2       98    4.6   332.5      165   18.7   314.1
 32    7.4    90.9       99    5.1   323.1      166   18.1   315.0
 33    8.9    90.2      100    5.3   311.6      167   18.0   315.6
 34   10.0    90.0      101    5.1   305.4      168   18.2   316.0
 35   10.5    90.8      102    5.1   310.8      169   18.6   315.9
 36   10.5    92.1      103    5.6   315.7      170   18.7   315.8
 37   10.4    94.2      104    6.7   323.2      171   18.7   315.3
 38   10.4    96.1      105    6.7   330.0      172   18.6   315.2
 39   11.0    94.3      106    4.3   358.1      173   18.2   314.8
 40   11.5    93.4      107    3.2   356.1      174   17.8   314.7
 41   11.8    93.0      108    2.1   345.4      175   17.7   314.6
 42   11.9    94.5      109    1.4   329.9      176   17.9   314.2
 43   12.0    95.3      110    1.8   334.1
 44   12.2    95.4      111    2.9   344.2
 45   12.2    95.4      112    3.9   350.7
 46   12.0    94.4      113    5.0   352.6
 47   11.9    91.8      114    5.9   353.3
 48   11.9    88.4      115    5.7   352.7
 49   12.1    86.4      116    5.3   351.0
 50   12.4    87.4      117    4.5   343.9
 51   12.8    89.6      118    4.6   340.5
 52   13.1    90.7      119    4.7   337.2
 53   13.0    90.9      120    5.0   335.4
 54   12.3    88.6      121    5.3   333.0
 55   11.2    83.6      122    6.0   329.9
 56    9.1    76.8      123    6.0   332.6
 57    7.8    67.5      124    6.7   337.2
 58    7.6    47.1      125    6.9   331.1
 59    7.9    37.0      126    7.2   326.0
 60    7.8    38.8      127    7.4   322.4
 61    8.9    47.6      128    7.6   322.5
 62    8.7    49.4      129    7.8   323.2
 63    8.1    55.0      130    8.1   323.7
 64    7.6    63.1      131    8.4   323.2
 65    7.0    66.6      132    8.8   321.9
 66    6.5    69.0      133    9.2   319.7
```

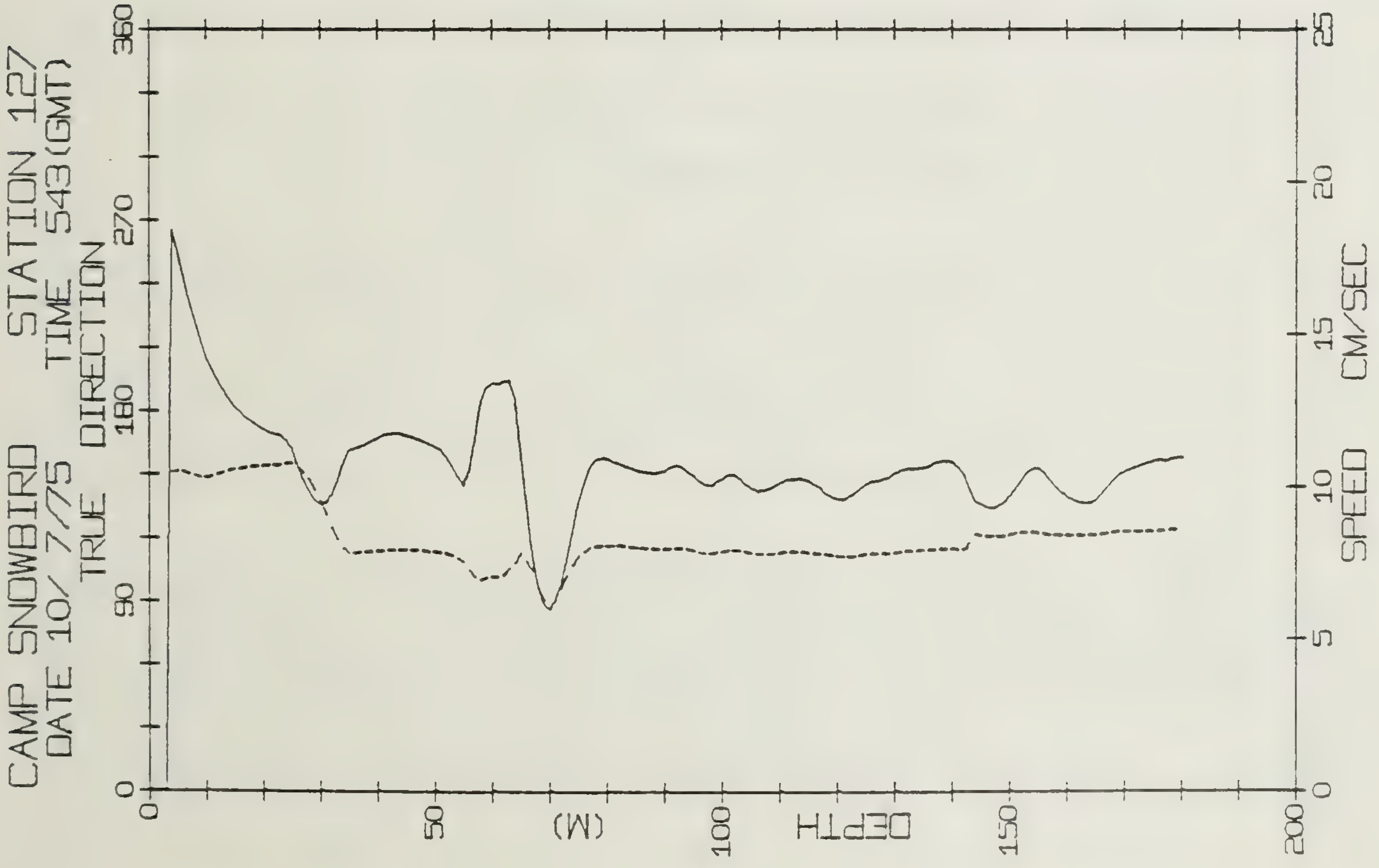
```
SNOWBIRD STATION 123     (198M )        8/JUL/75       543 GMT
LAT= 76.5073N  LONG= 149.6149W  LTER=    1   LGER=    2
NIVEL= -11.7   EIVEL=   4.2     NVER=    0   EVER=    0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6.9   115.4      134    2.4   141.4
  1    0.0   999.9       68    7.2   117.5      135    2.3   141.2
  2    0.0   999.9       69    7.1   118.7      136    2.3   142.8
  3    0.0   999.9       70    6.6   120.1      137    2.4   144.6
  4    7.6   163.4       71    5.9   123.1      138    2.4   147.4
  5    6.9   165.5       72    5.3   126.5      139    2.5   154.6
  6    6.6   164.4       73    4.8   128.3      140    2.7   160.3
  7    6.5   161.0       74    4.4   128.7      141    3.0   161.6
  8    6.4   156.4       75    4.1   128.5      142    3.3   161.6
  9    6.4   151.7       76    4.0   128.7      143    3.5   158.4
 10    6.4   148.9       77    3.9   128.8      144    3.8   151.1
 11    6.2   147.9       78    4.0   130.5      145    4.3   141.8
 12    6.0   146.9       79    4.2   133.4      146    4.5   136.7
 13    6.0   144.7       80    4.6   138.0      147    4.7   133.6
 14    6.1   142.0       81    5.2   142.6      148    4.6   133.0
 15    6.4   138.6       82    5.7   145.9      149    4.5   131.7
 16    6.8   135.6       83    6.2   148.8      150    4.4   130.1
 17    7.4   132.8       84    6.5   150.6      151    4.3   128.6
 18    7.9   131.3       85    6.6   152.6      152    4.2   127.4
 19    8.2   130.6       86    6.7   154.1      153    4.1   126.2
 20    8.6   130.1       87    6.7   155.2      154    4.1   126.9
 21    9.0   129.5       88    6.6   156.3      155    4.2   127.8
 22    9.3   129.6       89    6.5   157.0      156    4.2   128.2
 23    9.5   129.9       90    6.5   157.1      157    4.3   128.3
 24    9.6   130.4       91    6.2   156.9      158    4.3   128.0
 25    9.6   131.3       92    5.9   156.4      159    4.2   128.4
 26    9.7   132.4       93    5.5   154.6      160    4.2   130.7
 27    9.7   134.4       94    5.1   151.9      161    4.3   134.5
 28    9.7   136.6       95    4.7   148.7      162    4.6   139.6
 29    9.7   139.3       96    4.4   144.5      163    5.0   144.7
 30    9.6   142.4       97    4.2   139.7      164    5.5   148.6
 31    9.5   145.5       98    4.1   134.7      165    6.0   151.3
 32    9.1   149.3       99    3.9   130.6      166    6.0   151.5
 33    8.5   154.2      100    3.6   126.1      167    5.7   151.4
 34    7.6   157.3      101    3.2   121.3      168    5.4   151.5
 35    6.9   160.5      102    2.8   117.4      169    5.1   151.5
 36    6.3   162.6      103    2.4   113.1      170    4.5   156.8
 37    5.8   163.0      104    2.1   108.3      171    4.2   163.5
 38    5.4   160.1      105    1.8   104.5      172    4.1   165.6
 39    5.0   155.6      106    1.1   112.3      173    4.2   166.2
 40    4.9   150.7      107    1.0   111.3      174    4.3   166.7
 41    4.9   144.8      108    1.1   121.3      175    4.3   166.9
 42    4.9   139.2      109    1.4   133.0      176    4.2   167.1
 43    5.0   136.0      110    1.8   142.1      177    4.3   167.0
 44    4.8   134.2      111    2.1   145.6      178    4.3   166.9
 45    4.8   130.5      112    2.4   147.8      179    4.4   170.8
 46    4.6   127.9      113    2.6   148.5      180    4.4   172.0
 47    4.3   124.7      114    2.5   146.9      181    4.5   171.8
 48    4.1   120.7      115    2.3   143.1      182    4.5   171.8
 49    4.0   116.2      116    2.0   139.5      183    4.1   173.5
 50    4.0   110.6      117    1.8   135.1      184    3.8   175.1
 51    4.1    99.8      118    1.7   131.7      185    3.6   176.5
 52    4.5    89.3      119    1.5   128.5      186    3.3   178.1
 53    5.1    79.0      120    1.4   127.1      187    3.2   179.9
 54    5.8    71.2      121    1.5   129.7      188    3.0   181.7
 55    6.4    64.9      122    1.8   135.1      189    2.8   184.3
 56    6.9    58.2      123    2.3   137.9      190    2.7   185.5
 57    7.4    53.2      124    2.9   140.5      191    2.7   185.4
 58    7.7    51.6      125    3.6   142.6      192    2.8   184.0
 59    7.3    50.5      126    4.1   142.9      193    2.9   182.2
 60    6.7    50.2      127    4.2   141.6      194    3.2   179.6
 61    5.9    50.6      128    4.1   139.6      195    3.4   177.6
 62    5.0    52.9      129    4.0   137.5      196    3.4   177.4
 63    4.0    63.6      130    3.8   136.6      197    3.2   179.4
 64    4.0    86.1      131    3.4   135.4      198    2.4   187.4
 65    5.2   103.2      132    3.0   136.7
 66    6.3   111.5      133    2.6   139.3
```


CAMP SNOWBIRD STATION 126
DATE 9/ 7/75 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M) DEPTH
0
5
10
15
20
25
SPEED CM/SEC

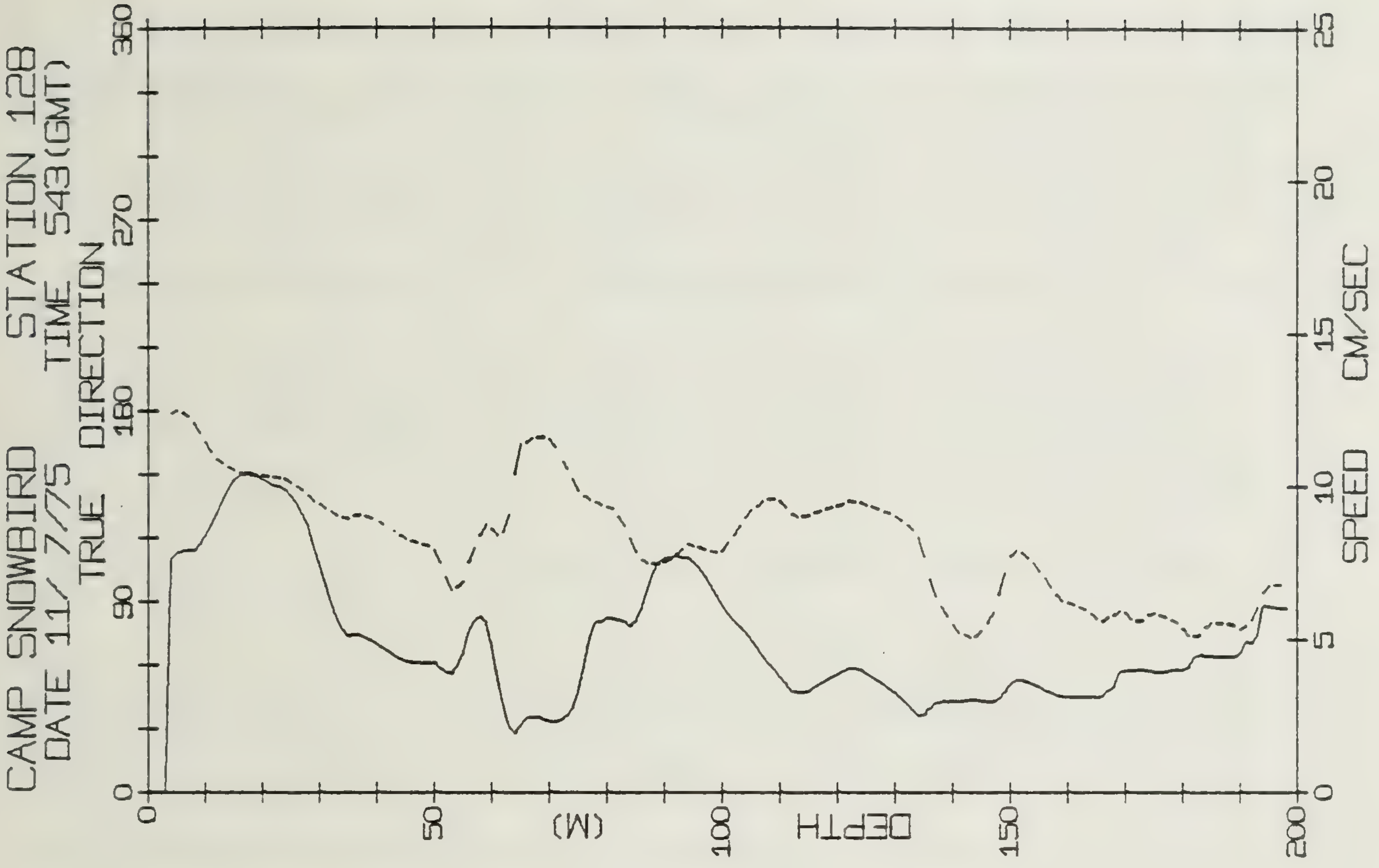

CAMP SNOWBIRD STATION 125
DATE 9/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M) DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 125     (199M )        9/JUL/75        543 GMT
LAT= 76.5183N  LONG= 149.5187W  LTER=     1    LCER=      2
NIVEL=   3.5   EIVEL=   3.6     NVER=     0    EVER=      0

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    4.7   101.1       134    0.9    82.4
  1    0.0   999.9        68    4.8    97.4       135    0.9    83.8
  2    0.0   999.9        69    4.8    96.6       136    1.0    87.4
  3    0.0   999.9        70    4.6    96.1       137    1.0    89.7
  4    9.1    96.6        71    4.2    95.3       138    1.0    91.8
  5   10.0    89.4        72    3.7    94.0       139    1.0    94.3
  6    9.7    73.7        73    3.3    93.1       140    1.0    98.0
  7    9.5    98.3        74    2.9    92.7       141    1.0   103.2
  8    5.8   113.6        75    2.5    94.7       142    1.1   107.9
  9    5.9   115.7        76    2.2    99.6       143    1.2   110.4
 10    5.9   117.6        77    1.8   107.0       144    1.4   112.5
 11    5.9   118.9        78    1.6   117.7       145    1.9   114.3
 12    6.0   119.8        79    1.4   127.4       146    2.3   114.3
 13    5.9   119.7        80    1.5   140.7       147    2.6   114.4
 14    5.9   119.5        81    1.9   148.6       148    2.8   114.5
 15    5.9   118.6        82    2.3   151.7       149    3.0   114.8
 16    5.8   117.4        83    2.7   151.6       150    3.2   115.4
 17    5.7   115.7        84    3.0   148.6       151    3.3   116.1
 18    5.8   114.7        85    3.2   141.9       152    3.4   116.5
 19    5.9   113.9        86    3.6   135.6       153    3.5   117.0
 20    6.0   113.0        87    4.2   130.2       154    3.5   117.5
 21    6.2   112.3        88    4.6   126.3       155    3.4   118.5
 22    6.3   111.5        89    4.9   124.5       156    3.3   119.6
 23    6.5   110.6        90    5.0   123.9       157    3.1   121.0
 24    6.7   109.6        91    5.0   124.3       158    2.9   122.4
 25    6.9   109.1        92    4.8   126.1       159    2.7   123.4
 26    7.2   108.6        93    4.6   128.3       160    2.5   124.1
 27    7.6   107.8        94    4.3   131.1       161    2.5   124.4
 28    7.9   106.8        95    4.0   134.8       162    2.5   124.6
 29    8.1   106.4        96    3.7   138.8       163    2.6   125.5
 30    8.2   106.5        97    3.4   143.1       164    2.6   127.1
 31    8.2   107.7        98    3.1   146.8       165    2.7   128.7
 32    8.0   109.1        99    2.8   151.7       166    2.6   130.6
 33    7.7   110.4       100    2.7   153.2       167    2.5   132.7
 34    7.3   111.3       101    2.4   154.6       168    2.5   134.9
 35    6.6   111.6       102    2.2   157.4       169    2.4   136.9
 36    6.1   111.2       103    2.1   159.3       170    2.4   138.7
 37    5.6   110.2       104    2.0   160.9       171    2.3   139.8
 38    5.2   109.0       105    1.8   162.0       172    2.3   140.7
 39    4.8   107.7       106    1.7   162.6       173    2.2   142.3
 40    4.5   106.8       107    1.7   162.7       174    2.1   143.6
 41    4.3   105.8       108    1.6   162.2       175    2.0   142.1
 42    4.1   106.5       109    1.6   161.1       176    2.0   139.4
 43    4.1   107.3       110    1.6   159.4       177    1.9   136.2
 44    4.1   108.8       111    1.6   157.2       178    1.9   132.7
 45    4.1   110.7       112    1.7   154.6       179    1.8   129.3
 46    4.1   112.8       113    1.8   151.8       180    1.8   127.4
 47    4.1   114.2       114    1.9   147.9       181    1.8   127.7
 48    4.1   115.6       115    2.0   144.9       182    1.9   128.6
 49    4.1   116.4       116    2.1   143.5       183    1.9   130.1
 50    4.1   116.9       117    2.0   144.6       184    2.0   132.5
 51    4.0   117.1       118    1.8   147.0       185    2.0   135.3
 52    3.8   116.8       119    1.5   151.2       186    2.1   138.4
 53    3.6   115.2       120    1.2   150.0       187    2.1   141.3
 54    3.3   112.7       121    1.0   145.9       188    2.1   142.8
 55    3.0   108.7       122    0.9   135.9       189    2.1   143.7
 56    2.8   100.9       123    0.7   120.3       190    2.1   144.4
 57    2.5    89.1       124    0.7   106.4       191    2.0   145.3
 58    2.6    86.0       125    0.7    96.0       192    1.9   147.3
 59    2.7    83.6       126    0.7    88.5       193    1.7   149.5
 60    2.7    83.1       127    0.8    83.2       194    1.5   152.6
 61    2.9    89.0       128    0.8    78.6       195    1.3   156.9
 62    3.0    93.5       129    0.8    79.3       196    1.1   165.5
 63    3.1    95.9       130    0.8    80.5       197    0.9   180.5
 64    3.4   100.7       131    0.8    82.4       198    0.7   207.2
 65    3.9   104.2       132    0.8    83.0       199    0.8   225.8
 66    4.4   103.7       133    0.9    82.9
```

```
SNOWBIRD STATION 126     (199M.)        9/JUL/75       2043 GMT
LAT= 76.5720N  LONG= 149.3789W  LTER=     2    LCER=      3
NIVEL=   0.2   EIVEL=  13.0     NVER=     0    EVER=      0

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    3.6   122.7       134    3.7   110.5
  1    0.0   999.9        68    3.2   133.1       135    3.7   111.0
  2    0.0   999.9        69    3.0   142.8       136    3.6   111.2
  3    0.0   999.9        70    2.8   145.0       137    3.6   110.2
  4   11.0    90.3        71    2.8   141.1       138    3.4   107.1
  5    6.9    79.1        72    2.7   137.5       139    3.4   105.9
  6    4.0   106.9        73    2.7   131.6       140    3.3   105.8
  7    4.2   129.2        74    2.6   127.3       141    3.3   105.7
  8    4.9   140.8        75    2.6   126.0       142    3.3   105.4
  9    5.1   145.0        76    2.6   126.6       143    3.3   105.6
 10    5.4   147.9        77    2.6   128.5       144    3.1    99.9
 11    5.4   149.6        78    2.6   130.8       145    3.1    85.2
 12    5.4   151.0        79    2.7   133.3       146    3.1    83.3
 13    5.5   152.3        80    2.6   133.8       147    3.2    83.5
 14    5.6   153.9        81    2.4   131.6       148    3.3    83.6
 15    5.6   155.5        82    1.9   119.7       149    3.4    83.4
 16    5.7   157.2        83    1.7   101.8       150    3.6    83.3
 17    5.9   158.8        84    1.7    96.8       151    3.7    83.8
 18    6.0   159.3        85    1.9    95.6       152    3.6    84.2
 19    6.0   159.8        86    2.1    93.8       153    3.5    84.4
 20    6.1   160.5        87    2.3    92.1       154    3.3    84.6
 21    6.2   160.9        88    2.5    94.3       155    3.3    84.4
 22    6.4   161.4        89    2.7    98.0       156    3.3    84.2
 23    6.3   162.1        90    2.9   102.8       157    3.3    84.1
 24    6.2   163.2        91    3.1   108.9       158    3.3    83.7
 25    6.3   164.5        92    3.3   113.6       159    3.3    83.6
 26    6.4   166.7        93    3.4   116.6       160    3.4    83.5
 27    6.5   166.5        94    3.4   118.4       161    3.4    83.3
 28    6.4   163.3        95    3.3   119.4       162    3.4    83.4
 29    6.3   160.4        96    3.2   119.3       163    3.4    83.4
 30    6.2   158.2        97    3.0   119.3       164    3.5    83.5
 31    6.0   156.5        98    2.8   118.1       165    3.5    83.5
 32    5.7   155.2        99    2.5   116.7       166    3.5    83.2
 33    5.4   153.3       100    2.2   111.8       167    3.5    84.8
 34    5.1   151.2       101    2.1   109.3       168    3.6    90.8
 35    4.9   146.9       102    2.0   108.7       169    3.6    97.3
 36    5.2   142.2       103    2.0   107.9       170    3.8   102.0
 37    5.5   137.6       104    2.0   106.9       171    3.8   101.8
 38    5.9   134.2       105    2.1   107.2       172    3.9   101.5
 39    6.4   132.1       106    2.0   108.7       173    3.9   101.2
 40    6.8   131.8       107    1.8   110.6       174    3.9   100.9
 41    7.0   131.7       108    1.5   115.0       175    3.9   100.5
 42    7.1   131.7       109    1.3   120.1       176    3.8   100.6
 43    7.0   131.5       110    1.3   117.9       177    3.8   100.5
 44    6.7   130.9       111    1.6   113.0       178    3.9   100.2
 45    6.2   128.9       112    2.0   106.3       179    4.0    99.9
 46    5.8   125.3       113    2.3   103.6       180    4.1    99.6
 47    5.4   122.1       114    2.6   101.8       181    4.2    99.2
 48    5.1   121.5       115    2.8   101.1       182    4.3    99.4
 49    4.7   121.3       116    2.8   101.6       183    4.1   100.3
 50    4.4   120.9       117    2.8   102.4       184    4.0   100.8
 51    4.1   125.1       118    2.8   102.8       185    3.8   101.3
 52    3.7   129.8       119    3.0   101.9       186    3.8   101.2
 53    3.7   134.8       120    3.4   107.0       187    4.0   100.2
 54    3.5   134.7       121    3.8   109.0       188    4.5    98.4
 55    3.2   125.9       122    4.2   106.4       189    4.9    96.9
 56    3.1   108.2       123    4.5   103.9       190    5.0    95.0
 57    3.6    92.7       124    4.9   101.8       191    4.7    93.6
 58    4.5    83.0       125    5.3   100.0       192    4.5    90.9
 59    5.6    79.2       126    5.5    99.5       193    4.4    88.5
 60    6.0    80.0       127    5.4   100.1       194    4.5    87.1
 61    5.9    81.1       128    5.2   101.0       195    4.6    88.4
 62    5.6    82.3       129    5.0   102.1       196    4.7    92.1
 63    5.2    84.1       130    4.6   103.7       197    5.0    96.2
 64    4.7    87.1       131    4.3   105.6       198    5.3   100.0
 65    4.2    91.8       132    4.0   107.7       199    5.5   101.6
 66    3.7   108.1       133    3.8   109.4
```



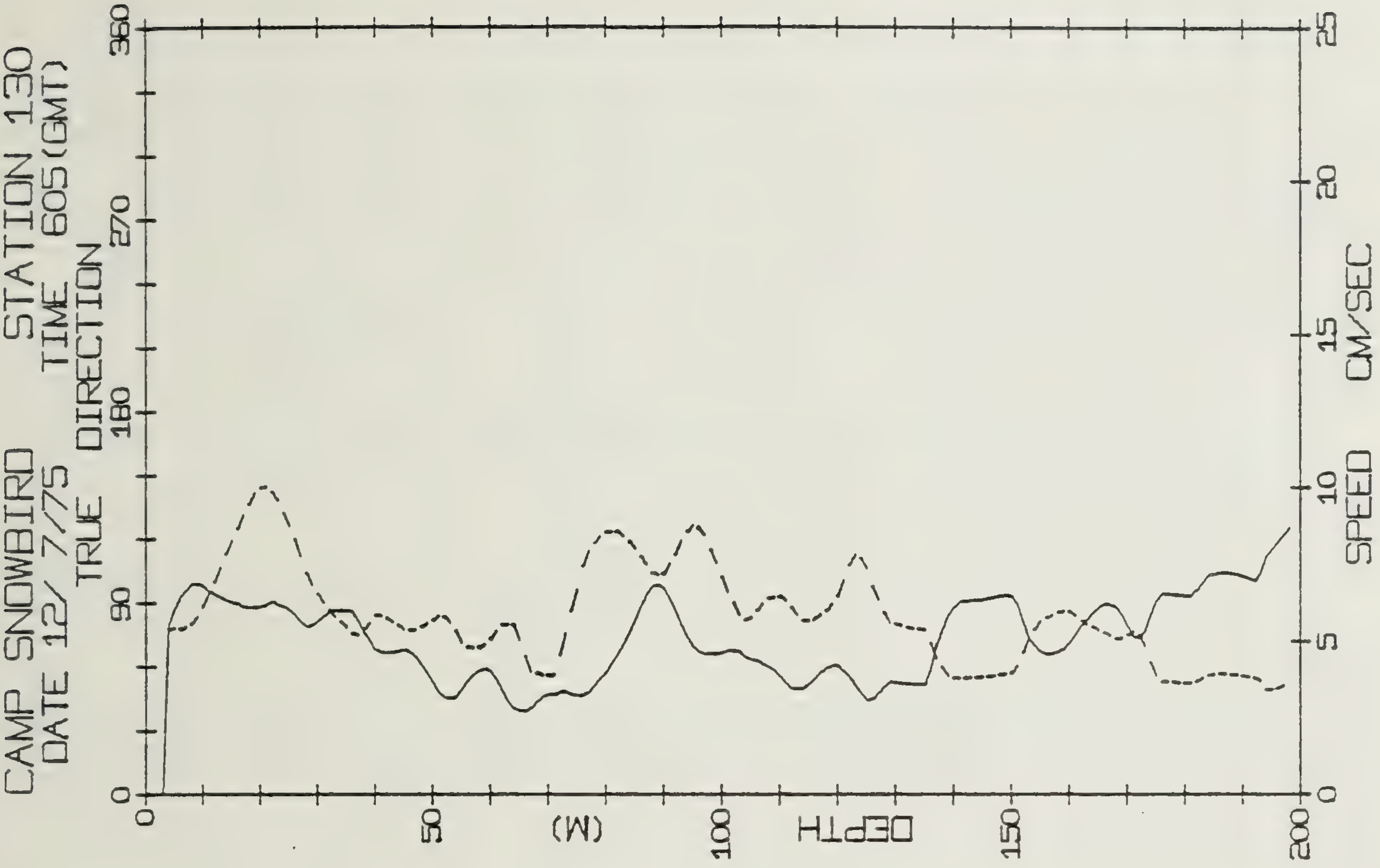
CAMP SNOWBIRD STATION 127
DATE 10/ 7/75 TIME 543(GMT)

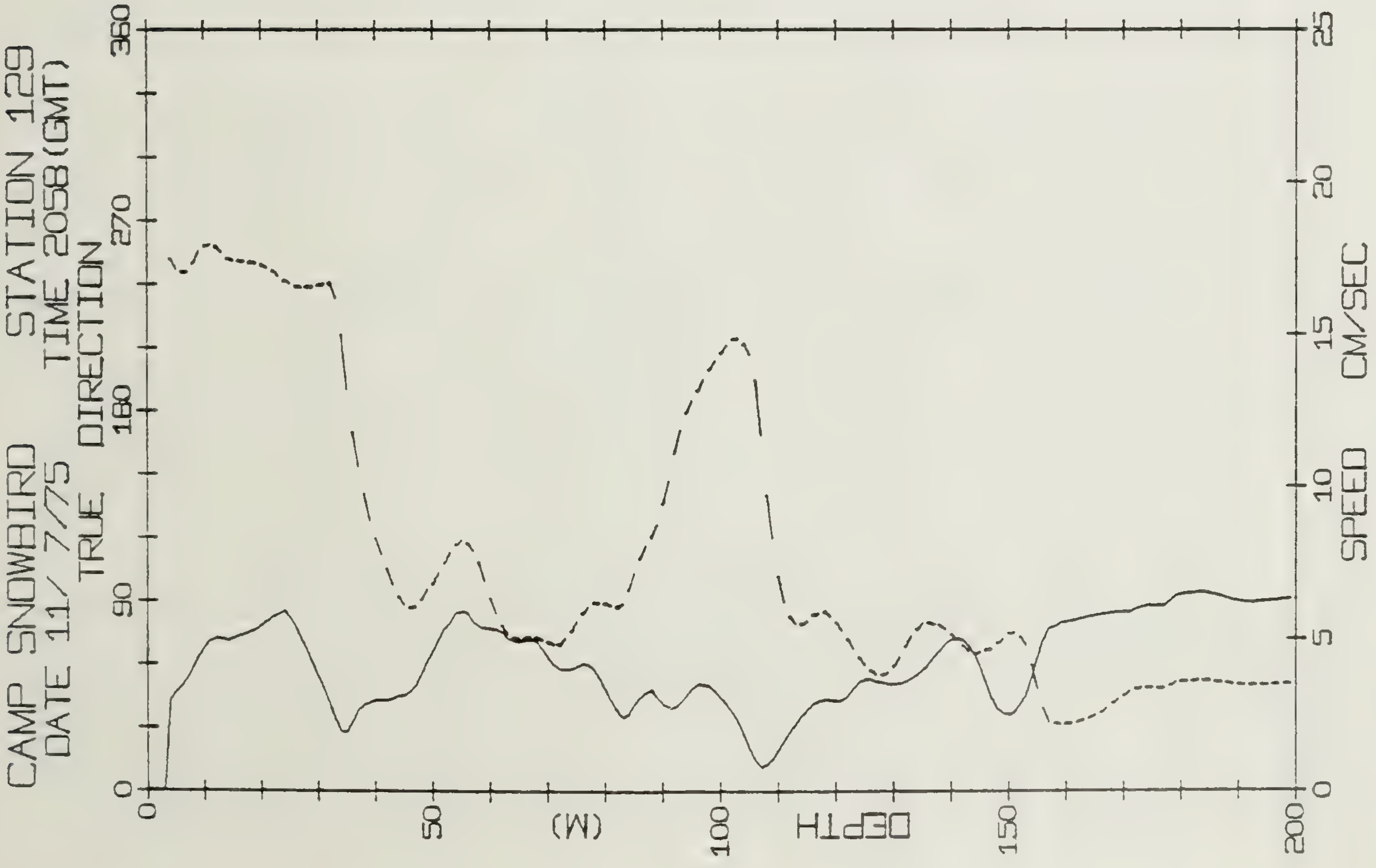


CAMP SNOWBIRD STATION 128
DATE 11/ 7/75 TIME 543(GMT)

```
SNOWBIRD STATION 127    (180M. )    10/JUL/75       543 GMT
LAT= 76 5485N  LONG= 149.0720W  LTER=    0   LGER=     1
NIVEL= -19.6   EIVEL=  20.5     NVER=    0   EVER=     0

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0    0.0  999.9      67    7.8  104.9     134   10.6  114.3
  1    0.0  999.9      68    6.7   96.8     135   10.7  114.6
  2    0.0  999.9      69    6.2   91.2     136   10.7  114.6
  3    0.0  999.9      70    6.0   88.0     137   10.8  114.8
  4   18.4  151.2      71    6.3   91.3     138   10.9  114.9
  5   17.7  151.8      72    6.8   96.6     139   10.9  114.8
  6   16.9  151.2      73    7.6  102.3     140   10.8  114.8
  7   16.1  150.1      74    8.6  107.5     141   10.7  114.6
  8   15.5  149.4      75    9.5  111.7     142   10.4  114.8
  9   14.8  148.5      76   10.1  113.9     143   10.0  117.7
 10   14.2  148.4      77   10.7  115.6     144    9.5  121.5
 11   13.9  149.4      78   10.9  116.4     145    9.4  121.0
 12   13.5  150.3      79   11.0  116.7     146    9.3  120.6
 13   13.2  151.2      80   10.9  116.7     147    9.3  120.5
 14   12.9  152.0      81   10.8  116.6     148    9.4  120.7
 15   12.6  152.7      82   10.8  116.6     149    9.5  121.1
 16   12.4  153.1      83   10.7  116.2     150    9.7  121.7
 17   12.3  153.6      84   10.6  116.0     151    9.9  122.3
 18   12.1  153.8      85   10.6  115.8     152   10.2  122.8
 19   12.0  154.1      86   10.5  115.3     153   10.5  122.9
 20   11.9  154.4      87   10.5  115.2     154   10.6  122.7
 21   11.8  154.5      88   10.5  115.1     155   10.6  122.3
 22   11.7  154.6      89   10.5  115.2     156   10.5  121.7
 23   11.7  154.9      90   10.6  115.3     157   10.2  121.3
 24   11.5  155.5      91   10.7  115.5     158   10.0  121.2
 25   11.3  155.5      92   10.7  115.7     159    9.8  121.2
 26   10.7  153.7      93   10.7  115.4     160    9.7  121.1
 27   10.3  151.2      94   10.5  114.7     161    9.6  121.2
 28    9.9  148.1      95   10.4  114.0     162    9.5  121.2
 29    9.6  143.1      96   10.2  113.4     163    9.5  121.4
 30    9.4  137.8      97   10.1  113.0     164    9.5  121.4
 31    9.5  131.3      98   10.0  112.9     165    9.6  121.5
 32    9.8  125.0      99   10.2  113.5     166    9.8  121.9
 33   10.2  119.7     100   10.3  114.1     167   10.0  122.3
 34   10.8  115.2     101   10.4  114.6     168   10.2  122.8
 35   11.2  113.2     102   10.4  114.6     169   10.4  123.2
 36   11.3  113.2     103   10.3  114.1     170   10.5  123.3
 37   11.4  113.7     104   10.1  113.4     171   10.6  123.3
 38   11.4  113.8     105   10.0  112.9     172   10.7  123.4
 39   11.5  113.9     106    9.9  112.4     173   10.7  123.4
 40   11.6  114.1     107    9.9  112.5     174   10.8  123.4
 41   11.7  114.3     108   10.0  112.7     175   10.9  123.4
 42   11.8  114.6     109   10.0  113.0     176   10.9  123.5
 43   11.8  114.8     110   10.1  113.4     177   10.8  123.6
 44   11.7  114.8     111   10.2  113.7     178   10.9  123.9
 45   11.7  114.6     112   10.3  113.9     179   11.0  124.0
 46   11.6  114.4     113   10.3  113.9     180   11.0  124.0
 47   11.6  114.2     114   10.2  113.5
 48   11.5  114.0     115   10.2  113.0
 49   11.4  113.7     116   10.1  112.8
 50   11.3  113.4     117   10.0  112.7
 51   11.2  113.1     118    9.8  112.3
 52   11.0  112.5     119    9.7  111.8
 53   10.7  111.8     120    9.6  111.4
 54   10.4  110.4     121    9.6  111.1
 55   10.1  108.8     122    9.7  111.3
 56   10.5  104.9     123    9.8  111.6
 57   11.6  101.8     124   10.0  112.2
 58   12.8  100.3     125   10.1  112.7
 59   13.3  101.4     126   10.2  113.0
 60   13.4  101.9     127   10.2  112.9
 61   13.4  101.9     128   10.3  113.0
 62   13.5  102.8     129   10.3  113.1
 63   13.5  105.4     130   10.5  113.4
 64   12.9  108.8     131   10.5  113.7
 65   11.1  112.8     132   10.6  114.0
 66    9.4  109.4     133   10.6  114.1
```

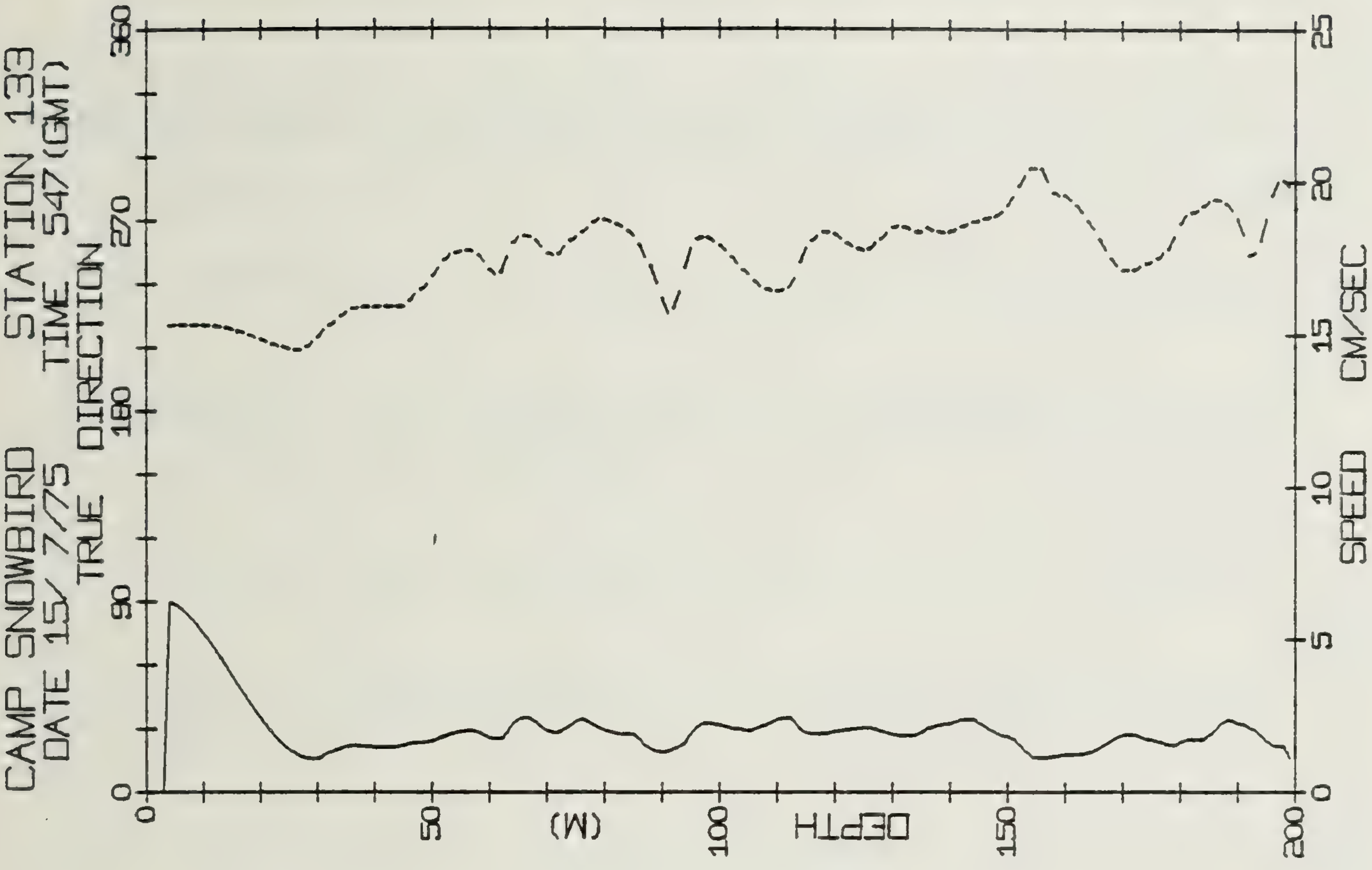
```
SNOWBIRD STATION 128    (198M )     11/JUL/75       543 GMT
LAT= 76 4907N  LONG= 148.7562W  LTER=    0.  LGER=     0
NIVEL=  -9.6   EIVEL=   4.6     NVER=    0   EVER=     0

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0    0.0  999.9      67    2.4  166.6     134    2.5  119.9
  1    0.0  999.9      68    2.4  167.1     135    2.5  110.9
  2    0.0  999.9      69    2.4  167.3     136    2.7  100.3
  3    0.0  999.9      70    2.3  166.1     137    2.9   92.8
  4    7.6  179.0      71    2.3  162.8     138    3.0   87.2
  5    7.8  180.0      72    2.4  158.3     139    3.0   83.1
  6    7.9  178.9      73    2.5  152.5     140    3.0   79.0
  7    7.9  177.0      74    2.7  147.2     141    3.0   75.3
  8    7.9  173.9      75    3.3  142.3     142    3.0   74.0
  9    8.1  169.6      76    4.1  139.3     143    3.0   72.8
 10    8.4  165.0      77    5.0  137.7     144    3.0   73.8
 11    8.7  160.6      78    5.5  136.2     145    3.0   76.1
 12    9.1  157.0      79    5.6  135.2     146    3.0   79.8
 13    9.5  155.3      80    5.7  134.2     147    3.0   84.3
 14    9.9  153.5      81    5.7  133.3     148    3.1   93.5
 15   10.2  151.8      82    5.6  129.7     149    3.3  103.1
 16   10.4  150.7      83    5.6  125.5     150    3.5  111.1
 17   10.5  149.6      84    5.4  119.4     151    3.7  113.7
 18   10.4  149.1      85    5.6  113.1     152    3.7  112.6
 19   10.3  148.9      86    6.0  109.1     153    3.6  110.5
 20   10.2  148.9      87    6.6  107.8     154    3.5  107.9
 21   10.1  148.5      88    7.1  107.4     155    3.4  104.4
 22   10.0  148.0      89    7.5  107.2     156    3.3  101.1
 23   10.0  147.9      90    7.7  108.5     157    3.2   97.0
 24    9.9  147.0      91    7.7  110.0     158    3.2   93.1
 25    9.7  145.6      92    7.7  111.9     159    3.1   90.1
 26    9.5  143.9      93    7.7  114.1     160    3.1   89.0
 27    9.1  142.2      94    7.7  116.6     161    3.1   88.2
 28    8.7  139.8      95    7.5  115.7     162    3.1   87.0
 29    8.0  137.2      96    7.3  114.9     163    3.1   85.9
 30    7.5  135.8      97    7.1  113.9     164    3.1   84.1
 31    6.8  133.9      98    6.8  113.2     165    3.1   81.8
 32    6.2  132.3      99    6.4  112.8     166    3.2   80.6
 33    5.7  130.3     100    6.1  113.7     167    3.3   82.4
 34    5.3  129.4     101    5.8  117.2     168    3.4   83.6
 35    5.1  128.7     102    5.6  121.0     169    3.9   85.2
 36    5.2  130.4     103    5.4  125.0     170    4.0   84.5
 37    5.1  130.6     104    5.2  129.5     171    4.0   82.0
 38    5.0  129.8     105    5.0  132.8     172    4.0   80.7
 39    5.0  128.9     106    4.8  134.6     173    4.0   81.0
 40    4.8  127.6     107    4.4  136.7     174    4.0   83.6
 41    4.7  126.2     108    4.2  138.0     175    3.9   84.3
 42    4.6  124.9     109    4.0  138.0     176    3.9   83.3
 43    4.5  123.1     110    3.8  136.7     177    4.0   82.3
 44    4.3  121.1     111    3.6  134.4     178    4.0   81.1
 45    4.3  119.3     112    3.3  131.0     179    4.0   79.8
 46    4.2  118.0     113    3.2  129.7     180    4.0   77.1
 47    4.2  117.2     114    3.3  129.7     181    4.1   74.0
 48    4.2  116.3     115    3.3  130.5     182    4.4   73.3
 49    4.2  115.6     116    3.4  131.7     183    4.5   74.1
 50    4.2  114.1     117    3.5  132.6     184    4.5   77.8
 51    4.1  108.3     118    3.7  133.5     185    4.4   79.6
 52    3.9  101.2     119    3.8  134.3     186    4.4   79.8
 53    3.9   95.3     120    3.9  135.0     187    4.4   79.5
 54    4.1   96.8     121    4.0  135.8     188    4.4   79.2
 55    4.5   98.9     122    4.1  136.7     189    4.4   78.5
 56    5.2  108.2     123    4.0  136.5     190    4.6   77.3
 57    5.6  114.5     124    4.0  136.2     191    4.9   78.6
 58    5.8  121.1     125    3.9  135.1     192    4.9   81.1
 59    5.6  125.5     126    3.8  134.2     193    5.1   86.6
 60    4.8  124.0     127    3.6  133.2     194    6.1   94.2
 61    3.7  121.2     128    3.5  132.2     195    6.1   97.2
 62    2.9  122.4     129    3.4  131.2     196    6.0   97.8
 63    2.2  130.0     130    3.2  129.8     197    6.0   97.8
 64    1.9  149.9     131    3.1  128.0     198    6.0   96.4
 65    2.2  163.4     132    2.9  126.1
 66    2.4  164.6     133    2.7  123.7
```

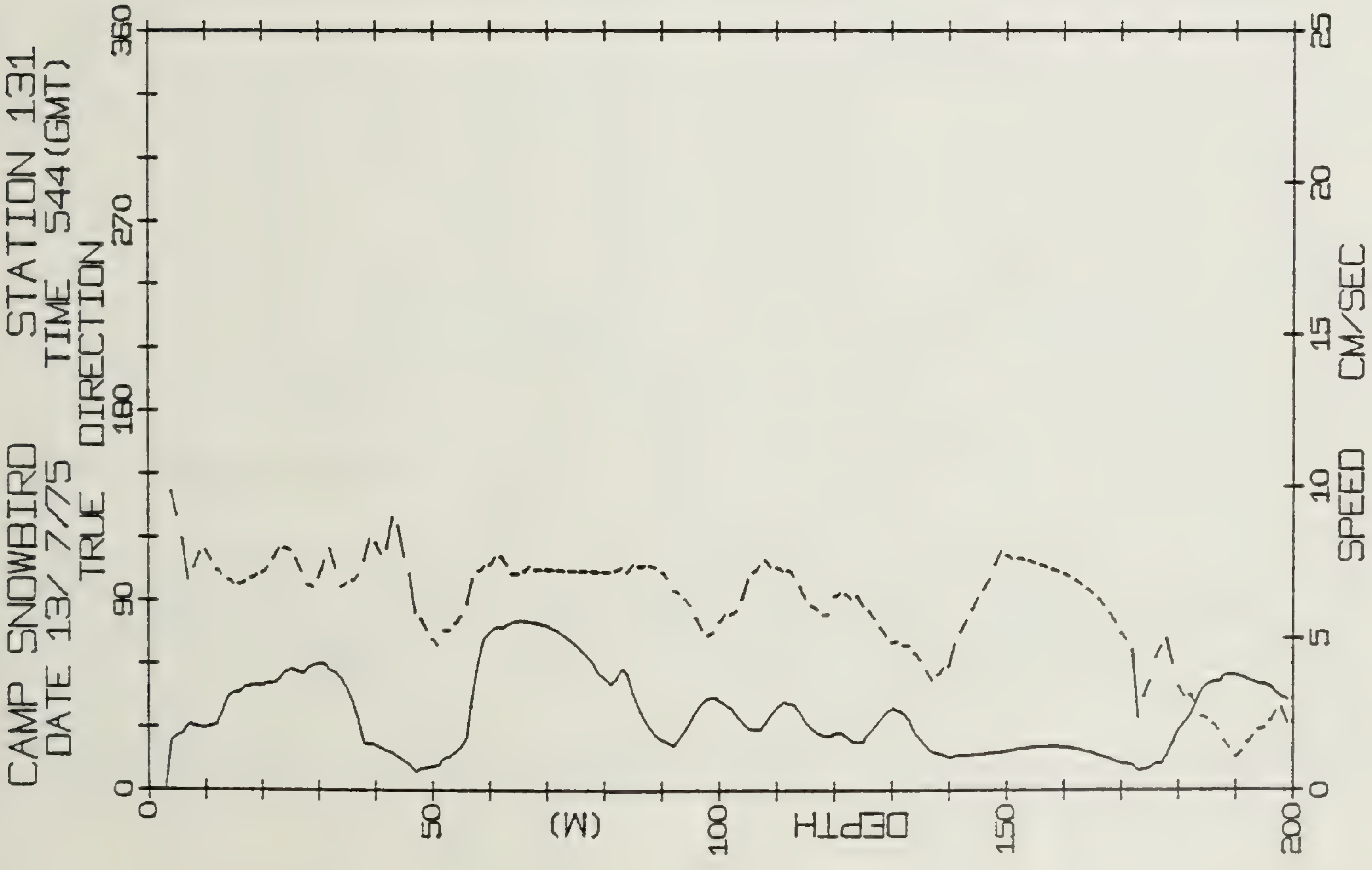

CAMP SNOWBIRD STATION 130
DATE 12/ 7/75 TIME 605(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 129
DATE 11/ 7/75 TIME 2058(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 129     (199M )      11/JUL/75       2058 GMT
LAT= 76.4877N  LONG= 148.7234W  LTER=     2    LGER=     3
NIVEL=    3.9   EIVEL=  -1.0        NVER=     0    EVER-     0


DPT      SPD    DRN        DPT    SPD     DRN        DPT    SPD     DRN
  0      0.0   999.9        67    5.0    73.4        134    3.8    76.8
  1      0.0   999.9        68    4.9    73.0        135    4.0    79.3
  2      0.0   999.9        69    4.7    71.9        136    4.2    79.8
  3      0.0   999.9        70    4.4    70.7        137    4.4    78.9
  4      3.0   251.8        71    4.2    69.5        138    4.6    78.3
  5      3.3   247.4        72    4.0    69.5        139    4.8    76.7
  6      3.4   245.7        73    4.0    72.5        140    5.0    74.2
  7      3.7   245.7        74    4.0    76.0        141    5.0    71.9
  8      4.1   250.0        75    4.1    80.3        142    5.0    68.8
  9      4.4   255.2        76    4.2    84.5        143    4.8    66.3
 10      4.7   257.8        77    4.2    87.4        144    4.5    64.9
 11      4.9   258.8        78    4.0    89.2        145    4.1    65.6
 12      5.0   257.4        79    3.7    89.5        146    3.6    66.9
 13      5.0   255.0        80    3.4    88.9        147    3.1    67.0
 14      5.0   252.0        81    3.0    88.0        148    2.7    69.6
 15      5.0   251.0        82    2.7    87.3        149    2.5    72.0
 16      5.1   250.8        83    2.4    88.8        150    2.5    74.7
 17      5.2   250.6        84    2.5    95.2        151    2.6    75.2
 18      5.3   250.3        85    2.8   103.2        152    2.8    73.1
 19      5.3   249.8        86    3.1   110.5        153    3.2    69.1
 20      5.5   248.7        87    3.3   116.2        154    3.7    59.9
 21      5.6   247.4        88    3.4   120.6        155    4.4    48.9
 22      5.7   246.0        89    3.1   126.7        156    5.0    39.3
 23      5.8   244.0        90    2.9   136.3        157    5.4    32.9
 24      5.9   241.8        91    2.8   146.7        158    5.4    32.0
 25      5.7   240.2        92    2.8   160.4        159    5.5    31.6
 26      5.4   239.0        93    2.9   170.8        160    5.6    31.8
 27      5.0   238.6        94    3.1   179.4        161    5.6    32.3
 28      4.6   238.8        95    3.4   184.9        162    5.7    33.1
 29      4.2   238.8        96    3.5   189.6        163    5.7    34.1
 30      3.8   239.6        97    3.5   194.8        164    5.7    34.9
 31      3.4   240.5        98    3.4   199.7        165    5.8    35.9
 32      2.9   240.6        99    3.3   203.6        166    5.8    37.2
 33      2.4   233.5       100    3.1   207.5        167    5.8    39.1
 34      2.0   215.9       101    2.9   211.3        168    5.9    41.4
 35      2.0   190.6       102    2.6   214.1        169    5.9    43.3
 36      2.3   169.8       103    2.3   214.5        170    5.9    45.2
 37      2.7   154.1       104    1.9   212.0        171    5.9    47.1
 38      2.9   140.7       105    1.4   206.8        172    6.0    48.1
 39      2.9   128.6       106    1.0   194.6        173    6.0    48.8
 40      3.0   119.7       107    0.8   169.0        174    6.1    49.0
 41      3.0   112.5       108    0.9   140.2        175    6.1    49.8
 42      3.0   105.2       109    1.0   120.1        176    6.1    48.6
 43      3.1    98.0       110    1.3   101.7        177    6.1    48.7
 44      3.2    92.2       111    1.7    89.8        178    6.2    50.0
 45      3.2    88.6       112    2.0    82.9        179    6.4    51.3
 46      3.3    87.0       113    2.2    79.5        180    6.5    51.8
 47      3.5    87.7       114    2.5    79.2        181    6.5    52.1
 48      3.9    90.9       115    2.7    80.8        182    6.5    52.3
 49      4.3    95.3       116    2.9    83.4        183    6.5    52.4
 50      4.6    98.6       117    3.0    84.4        184    6.5    52.2
 51      5.0   103.4       118    3.0    85.1        185    6.5    52.0
 52      5.4   107.9       119    3.0    83.0        186    6.4    51.6
 53      5.6   113.0       120    3.0    80.1        187    6.4    51.3
 54      5.9   116.9       121    3.0    76.3        188    6.3    50.9
 55      5.9   118.7       122    3.1    72.2        189    6.3    50.5
 56      5.9   117.4       123    3.4    67.6        190    6.2    50.2
 57      5.6   114.2       124    3.6    63.3        191    6.2    50.0
 58      5.4   108.6       125    3.7    59.9        192    6.2    49.9
 59      5.4   100.1       126    3.7    57.1        193    6.2    50.2
 60      5.3    91.3       127    3.6    55.4        194    6.2    50.3
 61      5.3    84.8       128    3.6    55.0        195    6.3    50.4
 62      5.2    78.7       129    3.5    56.1        196    6.3    50.5
 63      5.1    74.9       130    3.5    59.2        197    6.3    50.7
 64      4.9    73.0       131    3.6    63.3        198    6.3    50.9
 65      5.0    72.5       132    3.6    68.3        199    6.3    51.0
 66      5.0    72.9       133    3.7    73.3
```

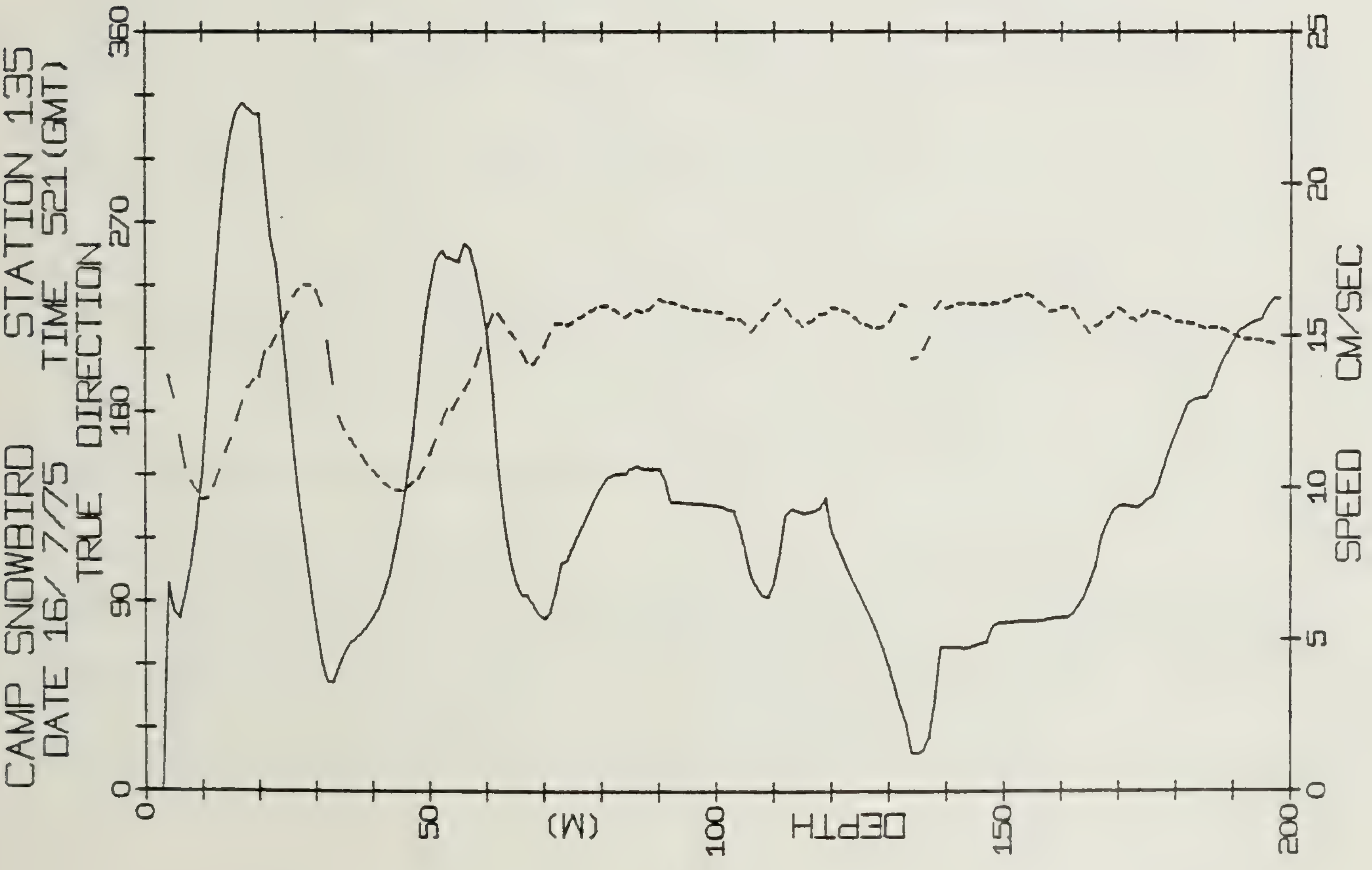
```
SNOWBIRD STATION 130     (198M )      12/JUL/75        605 GMT
LAT= 76.5052N  LONG= 148.6972W  LTER=     2    LGER=     4
NIVEL=    3.9   EIVEL=  -0.3        NVER=     0    EVER=     0


DPT      SPD    DRN        DPT    SPD     DRN        DPT    SPD     DRN
  0      0.0   999.9        67    2.8    57.8        134    3.6    77.7
  1      0.0   999.9        68    3.0    57.0        135    3.6    77.4
  2      0.0   999.9        69    3.2    56.1        136    4.1    71.2
  3      0.0   999.9        70    3.3    55.8        137    4.8    64.0
  4      5.5    78.1        71    3.2    56.4        138    5.3    59.9
  5      6.0    78.3        72    3.4    65.5        139    5.8    56.1
  6      6.4    77.8        73    3.3    75.5        140    6.1    54.8
  7      6.7    78.9        74    3.3    86.4        141    6.3    54.7
  8      6.9    80.6        75    3.2    96.4        142    6.3    54.9
  9      6.9    83.8        76    3.2   107.4        143    6.3    55.1
 10      6.8    88.7        77    3.3   114.1        144    6.3    55.2
 11      6.6    94.5        78    3.5   118.1        145    6.4    55.3
 12      6.5   100.1        79    3.8   121.3        146    6.4    55.7
 13      6.4   106.4        80    4.0   123.6        147    6.4    56.1
 14      6.3   113.1        81    4.3   123.8        148    6.5    56.5
 15      6.3   119.0        82    4.6   123.8        149    6.5    56.8
 16      6.2   125.0        83    4.9   121.3        150    6.4    57.4
 17      6.1   131.2        84    5.2   119.1        151    6.2    60.2
 18      6.1   136.6        85    5.7   115.6        152    5.6    66.8
 19      6.1   141.4        86    6.1   111.8        153    5.1    73.8
 20      6.1   144.1        87    6.5   108.1        154    4.9    77.7
 21      6.2   144.6        88    6.8   104.2        155    4.6    81.4
 22      6.3   142.4        89    6.8   103.0        156    4.5    83.2
 23      6.2   138.3        90    6.7   104.0        157    4.6    84.5
 24      6.1   132.5        91    6.4   108.1        158    4.7    85.7
 25      6.0   126.6        92    6.0   112.7        159    4.8    86.3
 26      5.9   119.8        93    5.5   119.2        160    5.0    85.9
 27      5.6   112.0        94    5.2   123.8        161    5.2    84.1
 28      5.5   104.1        95    4.8   126.4        162    5.5    82.0
 29      5.5    98.9        96    4.6   125.4        163    5.7    80.4
 30      5.7    94.4        97    4.6   121.8        164    5.9    78.7
 31      5.8    90.1        98    4.6   115.3        165    6.1    77.5
 32      6.0    86.6        99    4.6   108.9        166    6.2    76.1
 33      6.0    83.6       100    4.6   102.1        167    6.2    74.7
 34      6.0    81.2       101    4.7    95.5        168    6.1    73.3
 35      6.0    78.7       102    4.7    89.9        169    5.9    73.8
 36      5.9    75.8       103    4.6    84.6        170    5.5    75.2
 37      5.7    74.9       104    4.5    82.0        171    5.2    76.4
 38      5.3    77.6       105    4.4    83.3        172    5.1    75.0
 39      5.0    80.5       106    4.3    86.5        173    5.3    70.2
 40      4.7    84.0       107    4.3    89.5        174    5.8    62.2
 41      4.6    84.2       108    4.1    92.0        175    6.3    56.2
 42      4.6    82.8       109    4.0    92.8        176    6.5    53.2
 43      4.6    81.0       110    3.9    93.2        177    6.5    53.0
 44      4.7    79.3       111    3.6    91.2        178    6.5    52.8
 45      4.7    77.6       112    3.5    88.0        179    6.5    52.5
 46      4.6    77.3       113    3.4    84.4        180    6.5    52.1
 47      4.5    77.6       114    3.5    81.9        181    6.5    52.3
 48      4.2    78.9       115    3.6    81.8        182    6.7    53.4
 49      4.0    80.6       116    3.8    82.9        183    6.9    54.8
 50      3.7    82.2       117    4.0    84.6        184    7.2    56.2
 51      3.3    83.8       118    4.1    86.5        185    7.2    56.4
 52      3.2    83.5       119    4.2    89.3        186    7.3    56.6
 53      3.1    80.7       120    4.2    93.2        187    7.2    56.6
 54      3.2    77.0       121    4.0   100.3        188    7.2    56.3
 55      3.4    71.6       122    3.9   108.0        189    7.2    56.1
 56      3.7    69.5       123    3.6   112.4        190    7.1    55.7
 57      3.9    68.8       124    3.3   111.0        191    7.0    55.1
 58      4.0    69.6       125    3.1   106.5        192    7.0    54.6
 59      4.1    70.7       126    3.1    98.0        193    7.2    53.2
 60      4.0    73.0       127    3.3    91.5        194    7.8    49.2
 61      3.8    76.8       128    3.5    85.5        195    8.0    49.2
 62      3.4    79.6       129    3.7    80.9        196    8.2    50.2
 63      3.1    80.4       130    3.6    80.2        197    8.5    51.2
 64      2.8    79.6       131    3.6    79.2        198    8.7    52.1
 65      2.7    72.9       132    3.6    78.2
 66      2.7    64.7       133    3.6    77.8
```

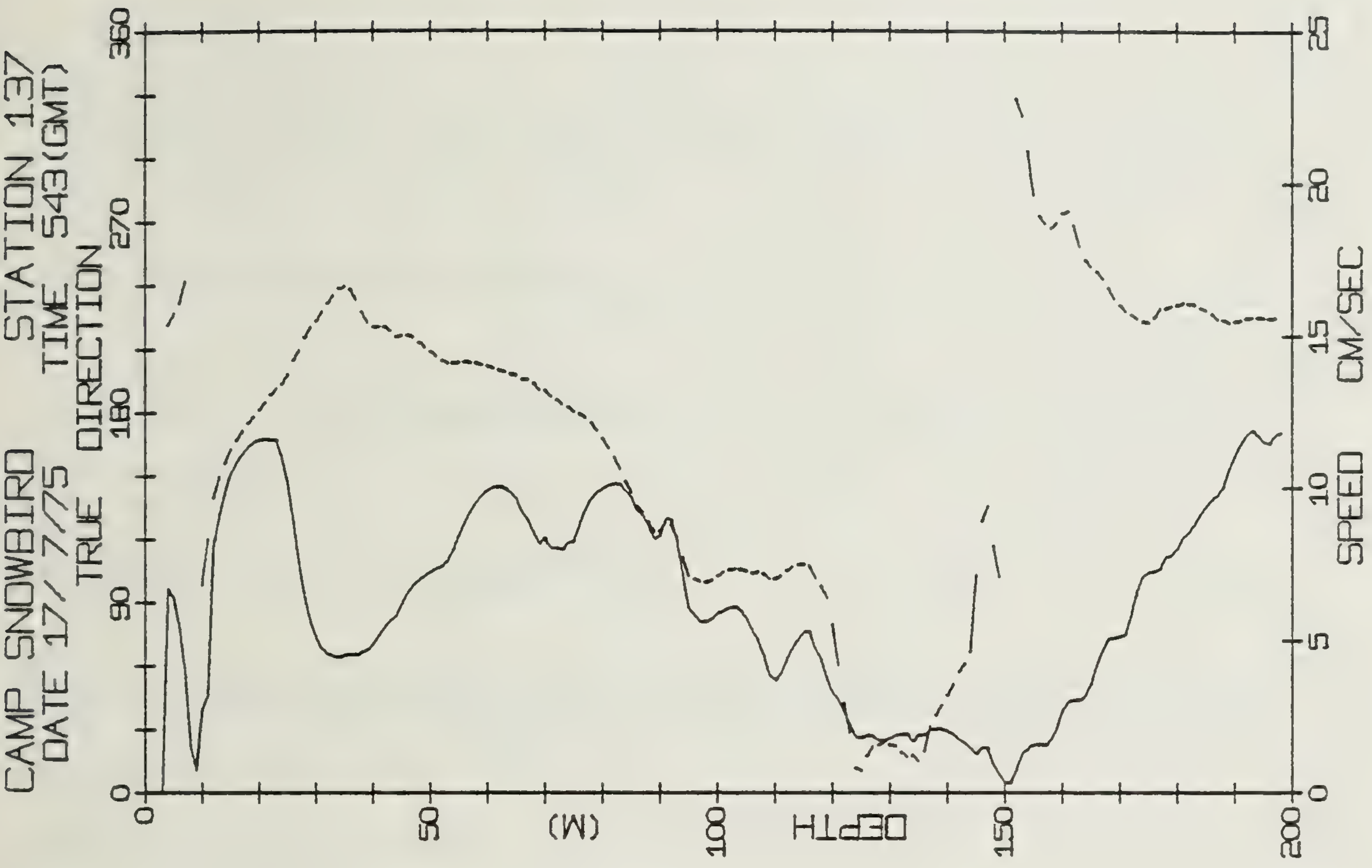

CAMP SNOWBIRD
STATION 133
DATE 15/ 7/75
TIME 547(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 131
DATE 13/ 7/75
TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 131     (199M.)     13/JUL/75        544 GMT
LAT= 76.5494N  LONG= 148.7972W  LTER=      0.  LGER=      0
NIVEL=    1.7   EIVEL=  -2.1     NVER=      0.  EVER=      0.

DPT     SPD    DRN        DPT     SPD    DRN       DPT     SPD     DRN
  0     0.0   999.9        67     5.5   106.7      134     1.9     65.1
  1     0.0   999.9        68     5.5   104.6      135     1.7     61.9
  2     0.0   999.9        69     5.5   104.5      136     1.4     56.8
  3     0.0   999.9        70     5.4   104.5      137     1.2     52.4
  4     1.6   141.8        71     5.3   104.4      138     1.2     54.8
  5     1.8   130.1        72     5.2   104.3      139     1.1     57.9
  6     1.9   119.2        73     5.1   104.2      140     1.1     59.0
  7     2.2    99.6        74     4.9   104.1      141     1.1     69.3
  8     2.1   105.7        75     4.8   104.0      142     1.1     75.1
  9     2.0   112.5        76     4.6   103.9      143     1.2     80.7
 10     2.1   113.9        77     4.4   103.8      144     1.2     86.0
 11     2.1   109.6        78     4.2   103.6      145     1.2     91.2
 12     2.2   104.5        79     3.9   103.2      146     1.2     95.3
 13     2.6   102.0        80     3.7   103.2      147     1.2    100.0
 14     3.1   100.0        81     3.5   103.3      148     1.2    107.2
 15     3.2    98.1        82     3.7   104.4      149     1.3    113.4
 16     3.3    97.9        83     4.0   106.0      150     1.3    111.5
 17     3.4    99.1        84     3.9   103.6      151     1.3    109.7
 18     3.5   100.7        85     3.2   107.1      152     1.4    110.2
 19     3.5   102.1        86     2.7   106.1      153     1.4    109.4
 20     3.5   103.4        87     2.3   106.8      154     1.4    108.6
 21     3.6   106.1        88     2.0   106.6      155     1.4    107.7
 22     3.5   110.1        89     1.8   105.5      156     1.4    106.8
 23     3.7   114.6        90     1.7   103.4      157     1.4    105.8
 24     3.9   115.1        91     1.6   100.5      158     1.4    104.8
 25     4.0   113.8        92     1.5    95.0      159     1.4    103.6
 26     3.9   109.9        93     1.7    93.4      160     1.4    102.3
 27     3.9   103.6        94     2.0    90.9      161     1.4    100.9
 28     4.0    97.6        95     2.3    87.8      162     1.3     99.4
 29     4.1    96.2        96     2.6    82.2      163     1.3     97.6
 30     4.2   100.8        97     2.9    76.5      164     1.3     95.7
 31     4.2   108.8        98     3.0    73.7      165     1.2     93.5
 32     4.0   114.4        99     3.1    74.9      166     1.1     90.9
 33     3.9   105.8       100     3.0    80.1      167     1.1     87.9
 34     3.7    96.8       101     2.8    83.3      168     1.0     84.2
 35     3.3    98.3       102     2.7    83.8      169     0.9     79.9
 36     2.9    99.4       103     2.5    85.3      170     0.9     74.5
 37     2.3   102.0       104     2.2    90.9      171     0.9     71.3
 38     1.6   109.1       105     2.1    99.6      172     0.8     66.7
 39     1.5   119.0       106     2.0   103.7      173     0.6     34.7
 40     1.5   117.4       107     2.0   106.4      174     0.7     44.6
 41     1.4   112.2       108     2.2   109.4      175     0.7     51.8
 42     1.3   114.7       109     2.5   106.1      176     0.9     62.8
 43     1.2   129.3       110     2.7   105.9      177     0.9     68.1
 44     1.1   125.6       111     2.9   104.1      178     1.1     71.6
 45     1.0   111.5       112     2.9   104.3      179     1.6     60.3
 46     0.8   102.8       113     2.8   101.6      180     2.0     49.1
 47     0.6    84.5       114     2.6    96.7      181     2.2     44.5
 48     0.7    81.5       115     2.2    91.4      182     2.5     45.2
 49     0.8    76.3       116     2.1    87.8      183     2.9     41.1
 50     0.8    71.5       117     1.9    85.9      184     3.3     35.1
 51     0.8    68.7       118     1.8    83.4      185     3.5     33.7
 52     1.1    75.9       119     1.8    83.7      186     3.6     31.6
 53     1.1    76.0       120     1.9    92.1      187     3.6     28.9
 54     1.3    79.4       121     1.9    93.6      188     3.8     23.5
 55     1.4    82.8       122     1.8    92.9      189     3.8     19.7
 56     1.8    88.6       123     1.6    90.6      190     3.8     15.9
 57     3.2   100.1       124     1.6    92.1      191     3.7     18.5
 58     4.2   104.1       125     1.6    87.7      192     3.6     22.6
 59     5.0   106.5       126     1.9    85.1      193     3.6     25.8
 60     5.2   107.6       127     2.1    81.8      194     3.5     28.7
 61     5.4   110.5       128     2.3    77.4      195     3.5     29.9
 62     5.4   111.1       129     2.6    73.5      196     3.4     32.8
 63     5.5   107.2       130     2.7    70.1      197     3.2     37.6
 64     5.6   102.8       131     2.6    70.8      198     3.1     38.8
 65     5.6   102.9       132     2.5    68.7      199     3.0     32.2
 66     5.6   104.5       133     2.3    68.2
```

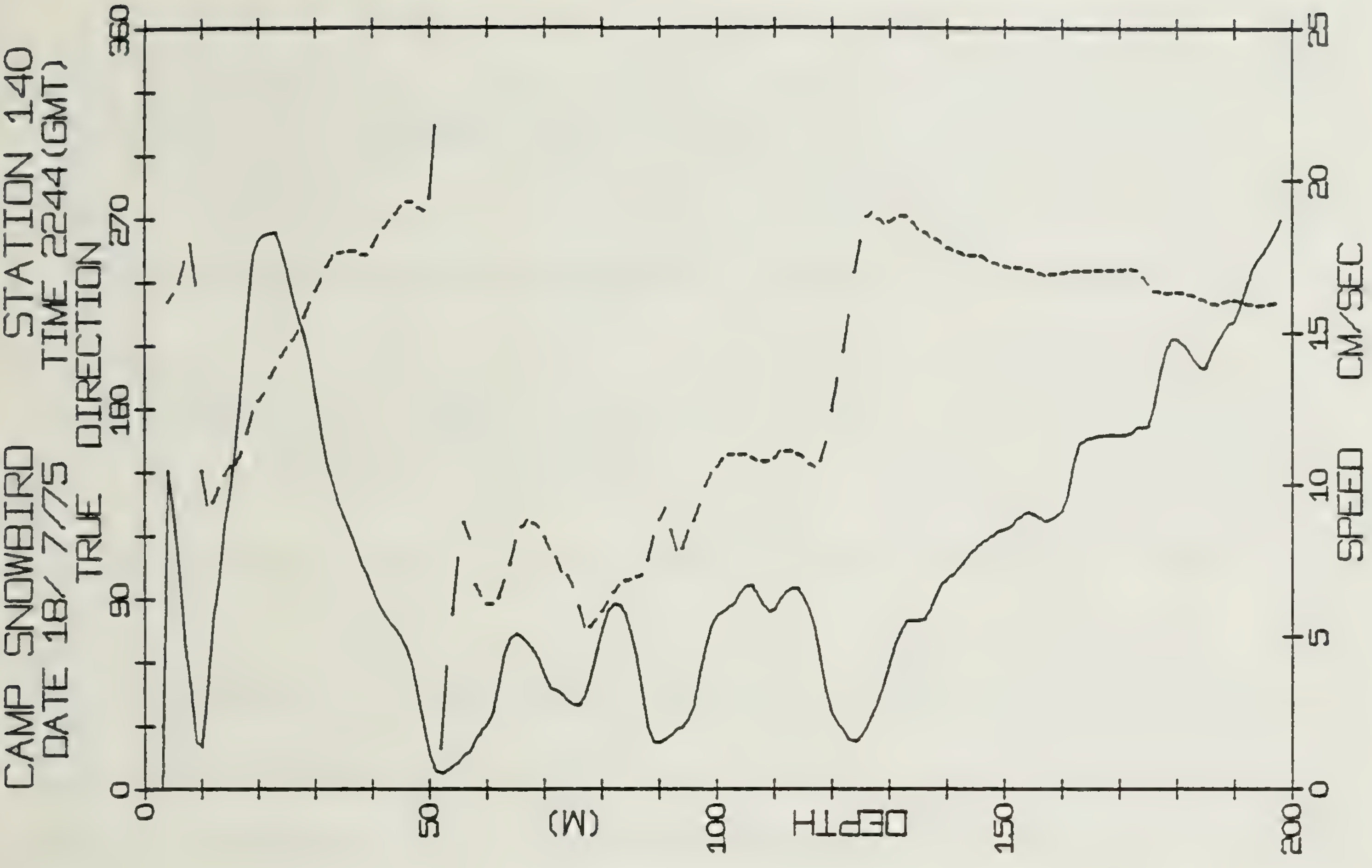
```
SNOWBIRD STATION 133     (199M.)     15/JUL/75        547 GMT
LAT= 76.5602N  LONG= 148.8751W  LTER=      2   LGER=      3
NIVEL=   -4.8   EIVEL=  -4.1     NVER=      0.  EVER=      0.

DPT     SPD    DRN        DPT     SPD    DRN       DPT     SPD     DRN
  0     0.0   999.9        67     2.4   261.7      134     1.9    264.3
  1     0.0   999.9        68     2.3   260.0      135     2.0    264.5
  2     0.0   999.9        69     2.1   257.1      136     2.1    266.4
  3     0.0   999.9        70     2.0   254.3      137     2.2    265.3
  4     6.2   220.5        71     1.9   253.1      138     2.2    264.3
  5     6.1   220.7        72     2.0   254.1      139     2.2    263.9
  6     6.0   220.7        73     2.1   257.2      140     2.3    264.9
  7     5.8   220.8        74     2.2   260.1      141     2.3    266.0
  8     5.6   220.8        75     2.3   261.8      142     2.4    267.3
  9     5.4   220.7        76     2.4   264.0      143     2.4    268.3
 10     5.2   220.6        77     2.3   266.2      144     2.4    269.3
 11     4.9   220.4        78     2.2   269.0      145     2.3    270.0
 12     4.7   220.1        79     2.1   270.7      146     2.1    270.8
 13     4.4   219.7        80     2.0   270.3      147     2.0    271.5
 14     4.1   219.1        81     2.0   268.8      148     1.9    272.5
 15     3.8   218.5        82     1.9   268.0      149     1.8    274.0
 16     3.5   217.7        83     1.9   266.7      150     1.8    276.9
 17     3.2   216.8        84     1.9   264.7      151     1.7    281.2
 18     3.0   215.8        85     1.9   262.2      152     1.6    286.1
 19     2.7   214.7        86     1.7   258.2      153     1.3    290.8
 20     2.4   213.7        87     1.5   252.5      154     1.2    294.8
 21     2.2   212.6        88     1.4   248.3      155     1.1    294.8
 22     1.9   211.8        89     1.3   240.3      156     1.1    294.3
 23     1.7   210.6        90     1.3   232.6      157     1.1    288.3
 24     1.5   209.9        91     1.4   226.1      158     1.2    283.0
 25     1.4   209.0        92     1.4   228.4      159     1.2    281.4
 26     1.3   208.5        93     1.5   235.9      160     1.2    281.6
 27     1.2   208.9        94     1.6   247.4      161     1.2    279.4
 28     1.1   210.5        95     1.9   256.7      162     1.2    277.1
 29     1.1   212.5        96     2.1   260.9      163     1.3    273.7
 30     1.1   214.9        97     2.3   262.2      164     1.3    269.7
 31     1.2   218.0        98     2.3   261.4      165     1.4    266.1
 32     1.3   220.5        99     2.2   259.7      166     1.5    261.1
 33     1.4   222.4       100     2.2   257.8      167     1.6    256.3
 34     1.5   224.5       101     2.1   255.5      168     1.7    252.0
 35     1.5   226.6       102     2.1   252.6      169     1.8    248.9
 36     1.5   228.4       103     2.1   249.7      170     1.9    246.8
 37     1.5   228.8       104     2.0   246.6      171     1.9    246.5
 38     1.5   229.3       105     2.0   244.5      172     1.9    246.7
 39     1.5   229.2       106     2.1   241.4      173     1.8    248.3
 40     1.5   229.3       107     2.2   239.0      174     1.7    249.7
 41     1.5   229.3       108     2.2   237.3      175     1.7    250.7
 42     1.5   229.6       109     2.3   236.5      176     1.6    252.2
 43     1.5   229.6       110     2.4   236.5      177     1.6    254.3
 44     1.5   229.2       111     2.4   237.1      178     1.5    256.7
 45     1.6   229.6       112     2.5   238.4      179     1.5    262.2
 46     1.6   231.9       113     2.3   242.7      180     1.7    268.6
 47     1.6   235.0       114     2.1   250.3      181     1.7    272.4
 48     1.6   237.1       115     1.9   256.4      182     1.7    273.8
 49     1.7   239.6       116     1.9   260.4      183     1.7    275.0
 50     1.7   243.6       117     1.9   262.7      184     1.8    277.0
 51     1.8   247.1       118     1.9   264.2      185     1.9    279.0
 52     1.8   251.1       119     2.0   264.4      186     2.0    280.0
 53     1.9   253.4       120     2.0   263.3      187     2.2    279.5
 54     2.0   254.6       121     2.0   261.4      188     2.4    278.4
 55     2.0   255.4       122     2.1   259.1      189     2.3    275.2
 56     2.0   255.9       123     2.1   257.6      190     2.2    270.9
 57     2.0   254.9       124     2.1   256.4      191     2.2    263.2
 58     1.9   253.3       125     2.1   255.5      192     2.1    253.8
 59     1.9   250.3       126     2.1   256.6      193     2.0    255.0
 60     1.8   246.3       127     2.0   258.9      194     1.9    260.6
 61     1.7   244.2       128     2.0   261.3      195     1.7    270.7
 62     1.8   245.3       129     1.9   263.8      196     1.5    282.0
 63     1.9   252.5       130     1.9   266.6      197     1.5    288.1
 64     2.2   259.0       131     1.8   267.7      198     1.5    289.0
 65     2.4   261.6       132     1.9   266.8      199     1.1    286.2
 66     2.5   262.4       133     1.9   265.8
```

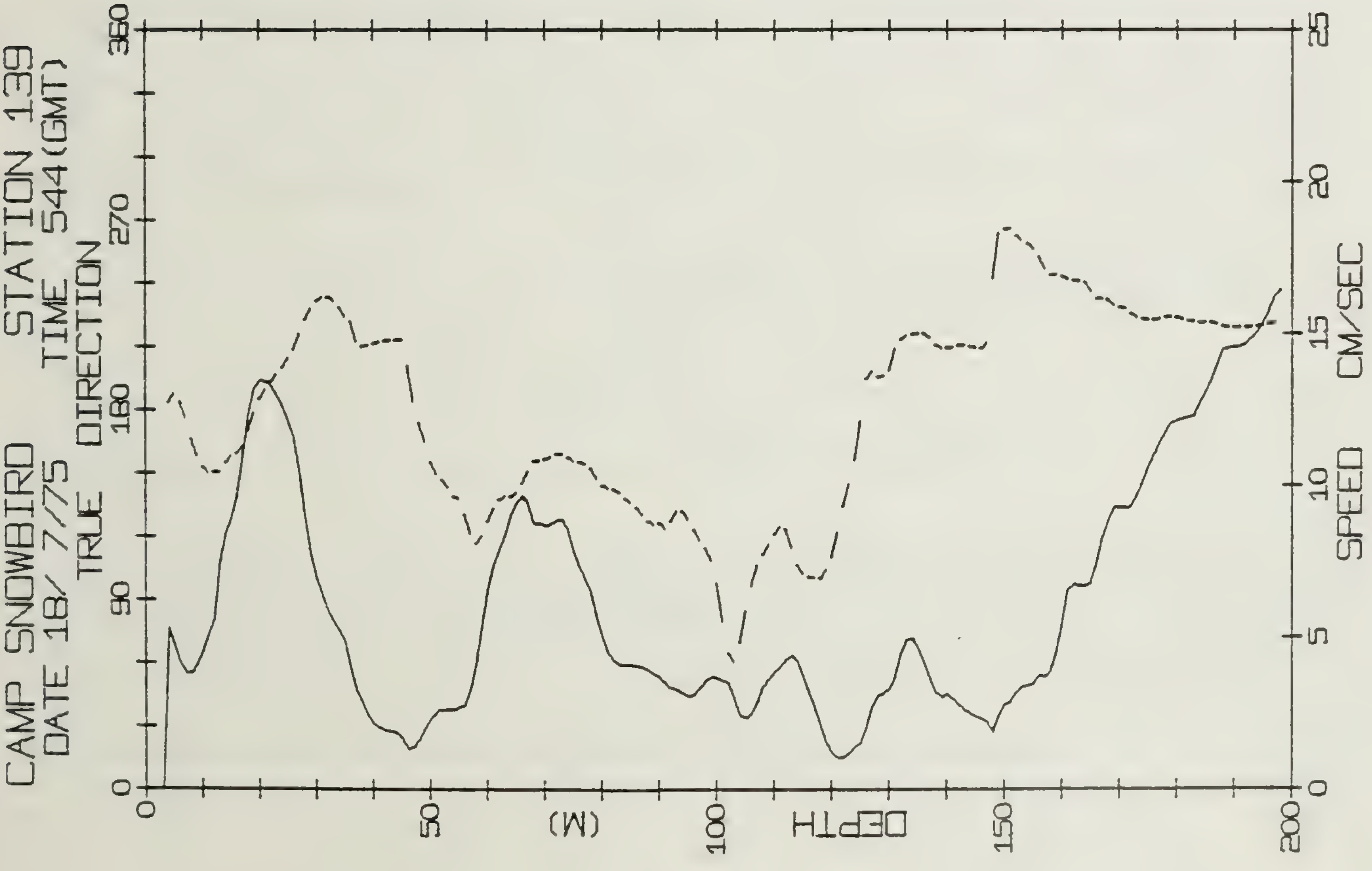

CAMP SNOWBIRD STATION 135
DATE 16/ 7/75 TIME 521(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 137
DATE 17/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 135     (198M )     16/JUL/75        521 GMT
LAT= 76.5316N  LONG= 148.9292W  LTER=     2.   LGER=     4.
NIVEL= -11.4   EIVEL=   0.5     NVER=     0    EVER=     0.

DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
  0    0.0   999.9       67    6.4   203.6      134    1.3   205.1
  1    0.0   999.9       68    6.2   202.8      135    1.2   205.8
  2    0.0   999.9       69    5.8   206.1      136    1.4   209.6
  3    0.0   999.9       70    5.7   211.1      137    1.8   215.1
  4    6.9   197.1       71    5.9   217.4      138    3.0   229.0
  5    5.9   186.7       72    6.6   221.8      139    4.7   232.6
  6    5.7   168.4       73    7.5   222.0      140    4.8   229.2
  7    6.5   153.7       74    7.6   221.2      141    4.7   230.1
  8    7.5   146.7       75    8.1   222.8      142    4.7   231.2
  9    8.8   142.2       76    8.5   224.6      143    4.7   231.4
 10   10.6   138.4       77    8.9   226.2      144    4.8   231.0
 11   13.1   139.3       78    9.3   227.7      145    4.8   230.8
 12   16.0   144.4       79    9.7   229.4      146    4.9   230.7
 13   18.4   152.0       80   10.1   230.2      147    4.9   230.5
 14   20.4   160.6       81   10.3   230.5      148    5.4   231.3
 15   21.6   167.2       82   10.4   228.6      149    5.6   231.5
 16   22.4   175.8       83   10.5   226.8      150    5.6   232.1
 17   22.7   184.9       84   10.5   225.0      151    5.6   233.3
 18   22.5   191.8       85   10.6   226.9      152    5.6   234.7
 19   22.3   195.1       86   10.7   228.1      153    5.6   235.6
 20   22.3   196.6       87   10.6   227.4      154    5.6   236.0
 21   20.2   208.6       88   10.6   228.3      155    5.6   234.4
 22   18.2   211.1       89   10.6   230.6      156    5.6   232.1
 23   17.3   216.0       90   10.6   233.0      157    5.7   229.6
 24   15.4   220.9       91   10.3   232.0      158    5.7   227.7
 25   13.4   227.0       92    9.5   231.8      159    5.7   227.9
 26   11.4   234.9       93    9.5   230.9      160    5.7   229.3
 27    9.6   238.4       94    9.5   230.0      161    5.7   229.7
 28    8.2   240.3       95    9.5   229.2      162    5.9   228.5
 29    6.8   240.1       96    9.5   228.3      163    6.1   224.6
 30    5.5   237.9       97    9.5   228.0      164    6.4   220.4
 31    4.3   230.6       98    9.4   227.7      165    6.9   217.0
 32    3.6   213.6       99    9.4   227.4      166    7.4   220.4
 33    3.6   193.3      100    9.4   227.1      167    8.4   222.6
 34    4.1   177.8      101    9.4   226.7      168    8.9   224.5
 35    4.5   171.5      102    9.3   224.3      169    9.3   226.6
 36    4.9   167.4      103    9.2   223.7      170    9.4   228.9
 37    5.1   163.3      104    8.7   223.7      171    9.4   227.3
 38    5.2   159.5      105    7.9   221.6      172    9.4   224.6
 39    5.5   155.5      106    7.1   218.4      173    9.3   223.0
 40    5.7   152.2      107    6.7   221.0      174    9.4   225.3
 41    6.0   149.3      108    6.4   223.7      175    9.6   227.5
 42    6.6   146.1      109    6.4   226.9      176    9.7   227.1
 43    7.2   144.2      110    6.8   230.5      177   10.1   226.4
 44    8.1   142.8      111    7.8   233.1      178   10.8   225.2
 45    9.0   142.6      112    9.1   228.7      179   11.3   223.9
 46   10.3   144.8      113    9.3   225.7      180   11.8   222.7
 47   11.6   146.5      114    9.2   223.2      181   12.3   222.0
 48   13.4   148.4      115    9.2   220.5      182   12.8   221.9
 49   15.3   154.0      116    9.2   222.3      183   12.9   221.4
 50   16.5   159.7      117    9.3   224.1      184   13.0   220.3
 51   17.5   167.0      118    9.4   226.0      185   13.0   219.4
 52   17.8   174.6      119    9.7   227.0      186   13.2   220.1
 53   17.6   181.6      120    8.6   229.1      187   13.7   219.8
 54   17.5   181.8      121    8.1   228.8      188   14.1   219.2
 55   17.4   186.7      122    7.7   228.0      189   14.5   217.8
 56   18.0   190.6      123    7.2   226.8      190   14.8   216.4
 57   17.9   195.3      124    6.8   224.7      191   15.2   215.0
 58   17.2   202.1      125    6.4   222.1      192   15.3   214.5
 59   16.2   210.4      126    6.0   221.1      193   15.4   214.1
 60   15.1   219.5      127    5.6   219.9      194   15.5   214.0
 61   13.2   226.1      128    5.2   219.8      195   15.6   213.8
 62   10.6   226.6      129    4.7   220.8      196   16.0   212.8
 63    8.9   222.4      130    4.1   222.7      197   16.2   212.1
 64    7.7   218.1      131    3.4   227.0      198   16.2   212.4
 65    6.9   214.8      132    2.8   230.7
 66    6.5   208.9      133    2.2   229.7
```

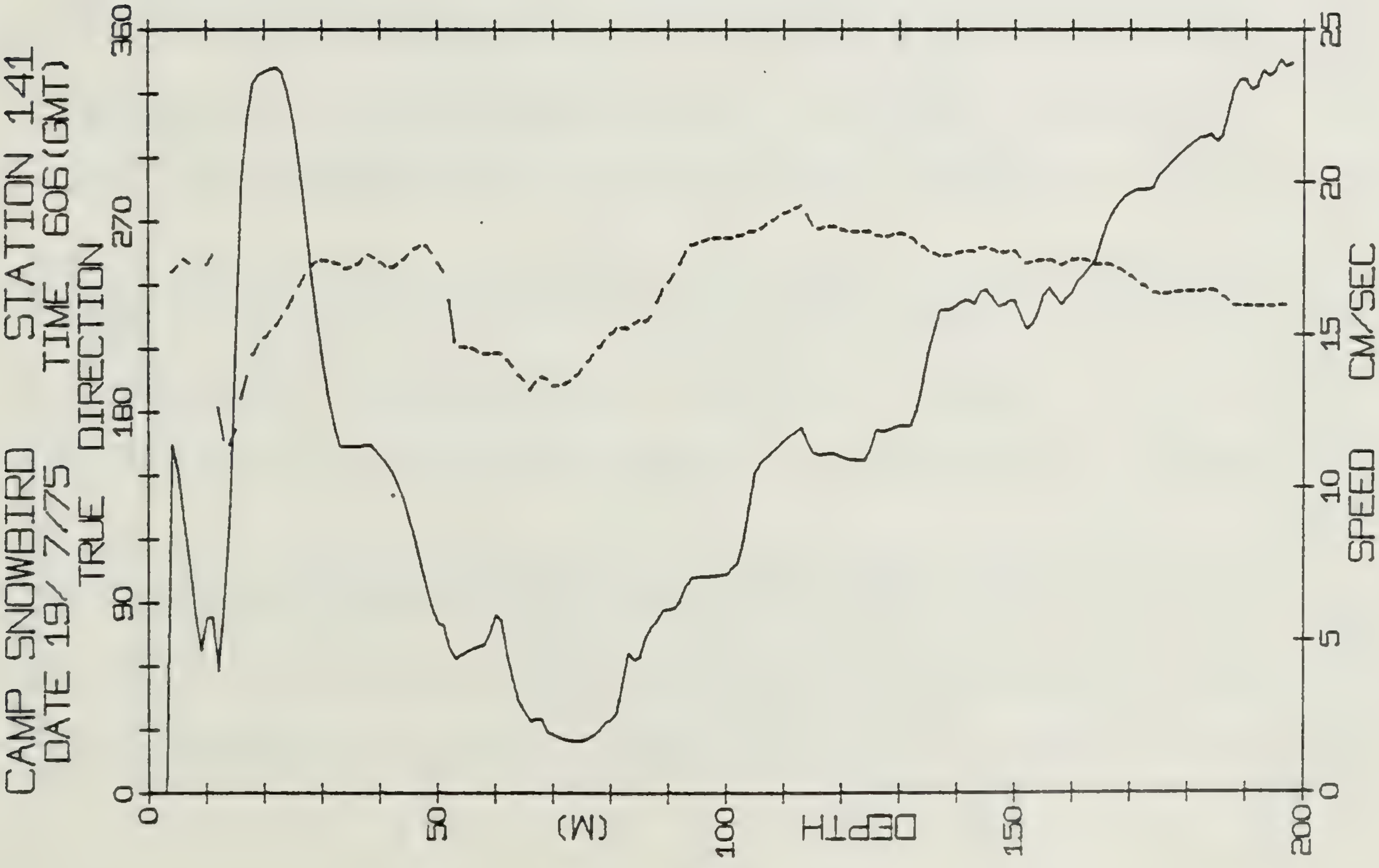
```
SNOWBIRD STATION 137     (198M. )    17/JUL/75        543 GMT
LAT= 76.4513N  LONG= 148.8329W  LTER=    20.   LGER=    41.
NIVEL=  -5.2   EIVEL=   1.3     NVER=     0.   EVER=     1.

DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
  0    0.0   999.9       67    9.0   195.1      134    1.7    17.7
  1    0.0   999.9       68    8.6   193.5      135    1.9    15.2
  2    0.0   999.9       69    8.2   190.4      136    1.9    19.8
  3    0.0   999.9       70    8.3   190.0      137    2.1    31.3
  4    6.7   221.6       71    8.1   187.3      138    2.1    36.7
  5    6.4   226.3       72    8.0   185.6      139    2.1    41.6
  6    5.5   231.5       73    8.0   183.5      140    2.0    46.3
  7    4.0   242.0       74    8.2   182.3      141    1.9    51.4
  8    1.5   260.1       75    8.3   180.3      142    1.8    57.3
  9    0.7    81.3       76    8.8   179.2      143    1.6    61.0
 10    2.7    98.5       77    9.3   177.2      144    1.5    67.0
 11    3.2   119.7       78    9.7   174.5      145    1.3   103.0
 12    8.1   139.6       79    9.9   171.1      146    1.5   128.7
 13    9.1   149.2       80   10.0   167.4      147    1.5   135.6
 14    9.9   156.2       81   10.1   163.2      148    0.9   116.9
 15   10.5   162.6       82   10.2   158.5      149    0.6   102.6
 16   10.9   166.9       83   10.1   153.5      150    0.3    69.1
 17   11.1   171.0       84    9.9   147.2      151    0.3     1.4
 18   11.4   174.8       85    9.7   142.4      152    0.8   328.0
 19   11.5   178.1       86    9.2   135.6      153    1.3   320.3
 20   11.6   181.4       87    9.1   132.9      154    1.5   303.4
 21   11.6   184.6       88    8.7   128.3      155    1.6   282.6
 22   11.6   188.2       89    8.3   123.7      156    1.6   272.9
 23   11.6   190.9       90    8.4   123.8      157    1.6   269.2
 24   11.0   193.2       91    9.0   127.9      158    1.8   267.3
 25   10.2   197.9       92    9.0   126.7      159    2.1   269.5
 26    9.0   204.6       93    8.3   120.2      160    2.7   274.1
 27    7.6   209.6       94    7.1   111.1      161    3.0   275.1
 28    6.5   215.2       95    6.1   102.9      162    3.1   268.4
 29    5.7   220.1       96    5.8   101.1      163    3.1   258.2
 30    5.1   222.9       97    5.6    99.6      164    3.2   251.9
 31    4.8   227.4       98    5.6    99.7      165    3.6   248.8
 32    4.6   231.6       99    5.7   100.7      166    4.2   246.7
 33    4.5   235.4      100    5.9   102.5      167    4.7   243.4
 34    4.4   238.6      101    6.0   104.5      168    5.1   238.9
 35    4.5   239.8      102    6.1   105.6      169    5.1   233.9
 36    4.5   238.3      103    6.1   105.9      170    5.1   230.7
 37    4.5   233.3      104    6.0   105.5      171    5.2   227.8
 38    4.6   227.4      105    5.7   104.6      172    5.8   226.1
 39    4.7   222.5      106    5.3   103.8      173    6.6   224.2
 40    4.9   220.5      107    5.0   104.6      174    7.1   222.7
 41    5.2   220.6      108    4.5   103.3      175    7.2   222.4
 42    5.4   220.3      109    3.9   101.3      176    7.3   224.8
 43    5.7   218.4      110    3.7   101.5      177    7.4   228.8
 44    5.8   215.8      111    3.9   102.9      178    7.7   229.6
 45    6.2   216.3      112    4.3   105.1      179    7.8   230.2
 46    6.5   216.4      113    4.8   106.9      180    8.0   230.9
 47    6.8   215.3      114    5.1   107.9      181    8.4   231.8
 48    7.0   213.2      115    5.3   108.3      182    8.6   231.0
 49    7.1   210.9      116    5.3   107.0      183    8.8   230.5
 50    7.3   208.7      117    4.7   101.8      184    9.1   229.1
 51    7.4   206.4      118    4.4    97.9      185    9.4   227.9
 52    7.4   204.2      119    3.8    92.3      186    9.6   226.4
 53    7.6   203.0      120    3.3    79.8      187    9.8   224.0
 54    8.0   202.9      121    3.1    60.9      188   10.0   223.3
 55    8.5   203.5      122    2.7    42.7      189   10.6   222.3
 56    8.9   203.6      123    2.2    28.5      190   11.1   222.9
 57    9.2   203.3      124    1.8    11.8      191   11.4   223.6
 58    9.5   202.8      125    1.8    10.4      192   11.7   224.6
 59    9.8   202.1      126    1.9    17.6      193   11.9   225.1
 60   10.0   201.4      127    1.8    21.8      194   11.7   224.9
 61   10.0   200.5      128    1.7    22.9      195   11.5   224.3
 62   10.1   199.7      129    1.7    24.1      196   11.4   224.0
 63   10.0   198.8      130    1.8    22.7      197   11.7   224.7
 64    9.8   197.9      131    1.9    22.1      198   11.8   225.0
 65    9.7   197.0      132    1.9    19.4
 66    9.2   195.4      133    1.9    17.1
```

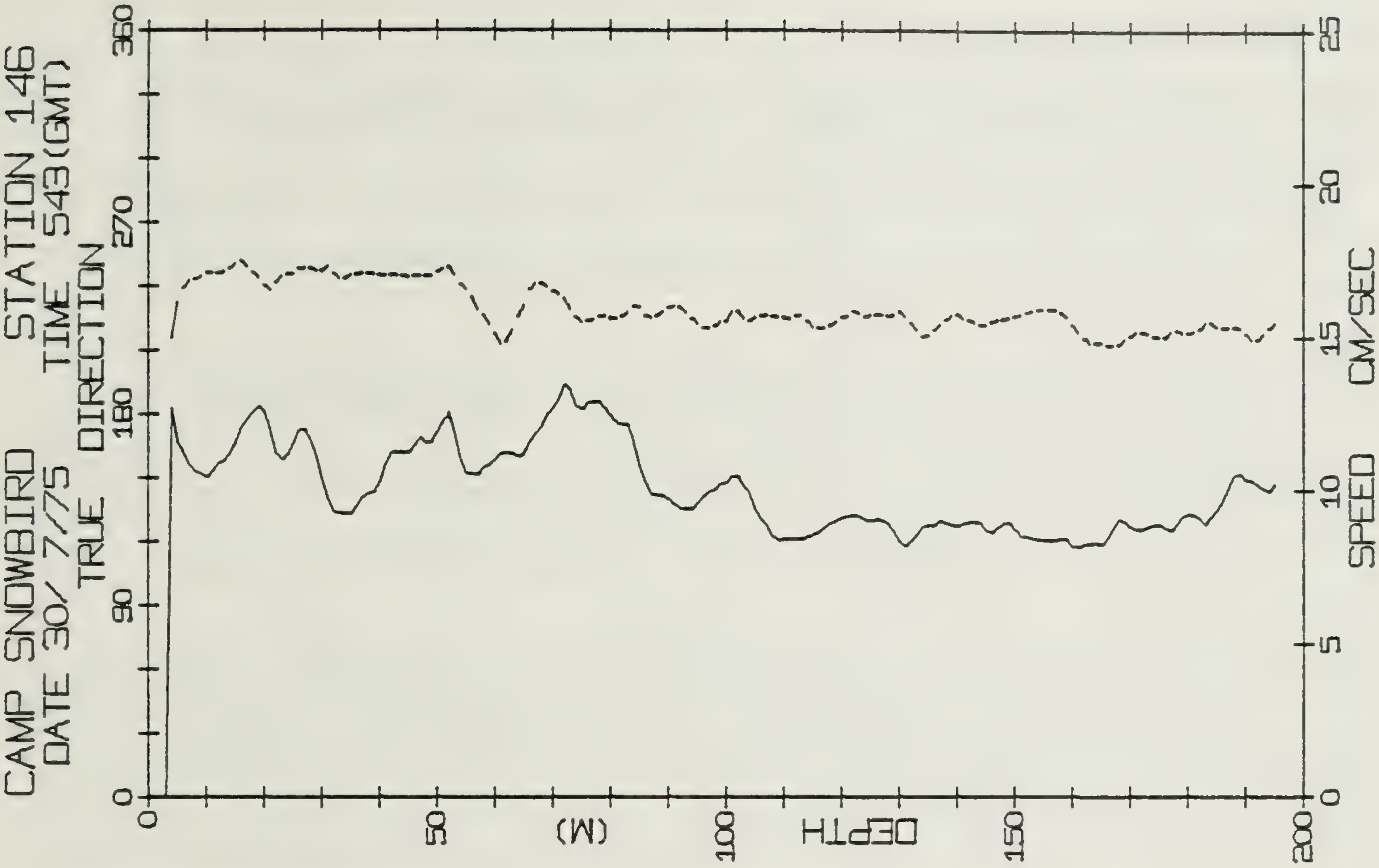

CAMP SNOWBIRD STATION 140
DATE 18/ 7/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 139
DATE 18/ 7/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 139     (198M.)      18/JUL/75        544 GMT
LAT= 76.4227N  LONG= 148.7093W  LTER=     0   LGER=     1.
NIVEL=  -6.6   EIVEL=    0.1    NVER=     0.  EVER=     0

DPT     SPD   DRN        DPT     SPD    DRN        DPT     SPD    DRN
  0     0.0   999.9       67     9.4   150.9       134     5.0   216.1
  1     0.0   999.9       68     8.8   155.7       135     4.7   216.4
  2     0.0   999.9       69     8.8   156.2       136     4.2   216.1
  3     0.0   999.9       70     8.7   156.8       137     3.7   214.2
  4     5.3   183.4       71     8.8   157.9       138     3.2   210.7
  5     4.7   187.8       72     8.9   159.3       139     3.0   209.0
  6     4.2   183.4       73     8.9   159.5       140     3.1   209.3
  7     3.8   176.5       74     8.6   157.5       141     3.0   209.6
  8     3.8   166.1       75     7.9   155.6       142     2.8   210.3
  9     4.1   158.2       76     7.4   155.1       143     2.6   210.5
 10     4.6   152.7       77     7.0   154.4       144     2.5   209.8
 11     5.1   150.1       78     6.5   152.3       145     2.4   209.3
 12     5.6   150.6       79     5.8   147.8       146     2.3   208.7
 13     7.5   150.6       80     5.1   144.3       147     2.2   211.6
 14     8.4   154.8       81     4.5   142.9       148     1.9   242.4
 15     8.9   157.9       82     4.3   142.1       149     2.4   263.4
 16     9.7   159.4       83     4.1   140.9       150     2.8   265.5
 17    10.9   162.9       84     4.1   138.0       151     2.9   266.1
 18    12.3   170.4       85     4.1   136.0       152     3.2   262.6
 19    13.2   178.5       86     4.1   133.8       153     3.4   260.2
 20    13.5   185.2       87     4.0   130.3       154     3.4   258.7
 21    13.5   189.5       88     3.9   127.4       155     3.5   256.3
 22    13.3   193.2       89     3.8   125.5       156     3.7   252.3
 23    13.0   196.8       90     3.7   126.2       157     3.7   247.0
 24    12.6   200.0       91     3.5   124.0       158     3.9   243.8
 25    12.1   204.4       92     3.3   127.4       159     4.5   244.1
 26    11.6   208.7       93     3.3   132.2       160     5.4   242.9
 27    10.5   215.7       94     3.2   132.0       161     6.6   241.8
 28     9.0   223.0       95     3.1   128.3       162     6.7   241.2
 29     7.8   227.7       96     3.1   123.3       163     6.7   241.0
 30     7.0   231.7       97     3.4   118.6       164     6.7   240.0
 31     6.4   233.3       98     3.6   114.6       165     6.8   236.2
 32     5.9   233.6       99     3.7   108.8       166     7.4   232.6
 33     5.5   231.7      100     3.7    97.7       167     8.2   232.4
 34     5.2   228.6      101     3.6    80.4       168     8.8   231.7
 35     4.9   224.6      102     3.5    64.7       169     9.3   229.2
 36     4.0   221.8      103     3.0    60.8       170     9.3   228.5
 37     3.3   212.3      104     2.5    69.7       171     9.3   227.7
 38     2.9   210.2      105     2.4    84.8       172     9.3   225.1
 39     2.4   210.7      106     2.5    96.7       173     9.7   223.7
 40     2.2   211.7      107     2.9   106.2       174    10.1   222.6
 41     2.0   212.4      108     3.4   111.6       175    10.6   222.2
 42     1.9   212.9      109     3.7   115.8       176    11.0   222.6
 43     1.9   213.0      110     3.9   121.1       177    11.4   223.3
 44     1.9   213.6      111     4.1   124.4       178    11.7   224.0
 45     1.7   213.0      112     4.3   123.3       179    12.1   223.9
 46     1.4   200.9      113     4.4   114.9       180    12.1   223.4
 47     1.4   184.2      114     4.3   106.5       181    12.2   222.7
 48     1.7   173.9      115     3.8   102.3       182    12.3   221.8
 49     2.0   165.3      116     3.2   100.7       183    12.3   221.8
 50     2.3   155.2      117     2.7   100.4       184    12.7   221.2
 51     2.6   150.1      118     2.2   100.0       185    13.1   221.3
 52     2.6   146.9      119     1.6   103.9       186    13.5   221.3
 53     2.6   143.8      120     1.2   110.6       187    13.9   220.6
 54     2.6   139.1      121     1.1   121.5       188    14.5   219.4
 55     2.7   137.6      122     1.1   134.2       189    14.5   218.9
 56     2.8   130.3      123     1.2   144.7       190    14.6   218.8
 57     3.3   121.8      124     1.4   156.1       191    14.6   218.8
 58     4.2   116.9      125     1.5   174.5       192    14.7   219.1
 59     5.4   120.5      126     2.0   194.8       193    14.9   219.5
 60     6.6   127.1      127     2.7   197.9       194    15.1   219.8
 61     7.4   133.2      128     3.1   195.7       195    15.4   220.3
 62     7.9   137.8      129     3.2   196.3       196    15.8   220.9
 63     8.4   139.2      130     3.3   198.6       197    16.2   221.6
 64     9.0   139.3      131     3.7   208.6       198    16.4   221.8
 65     9.5   140.7      132     4.5   213.5
 66     9.7   145.4      133     4.9   215.3
```

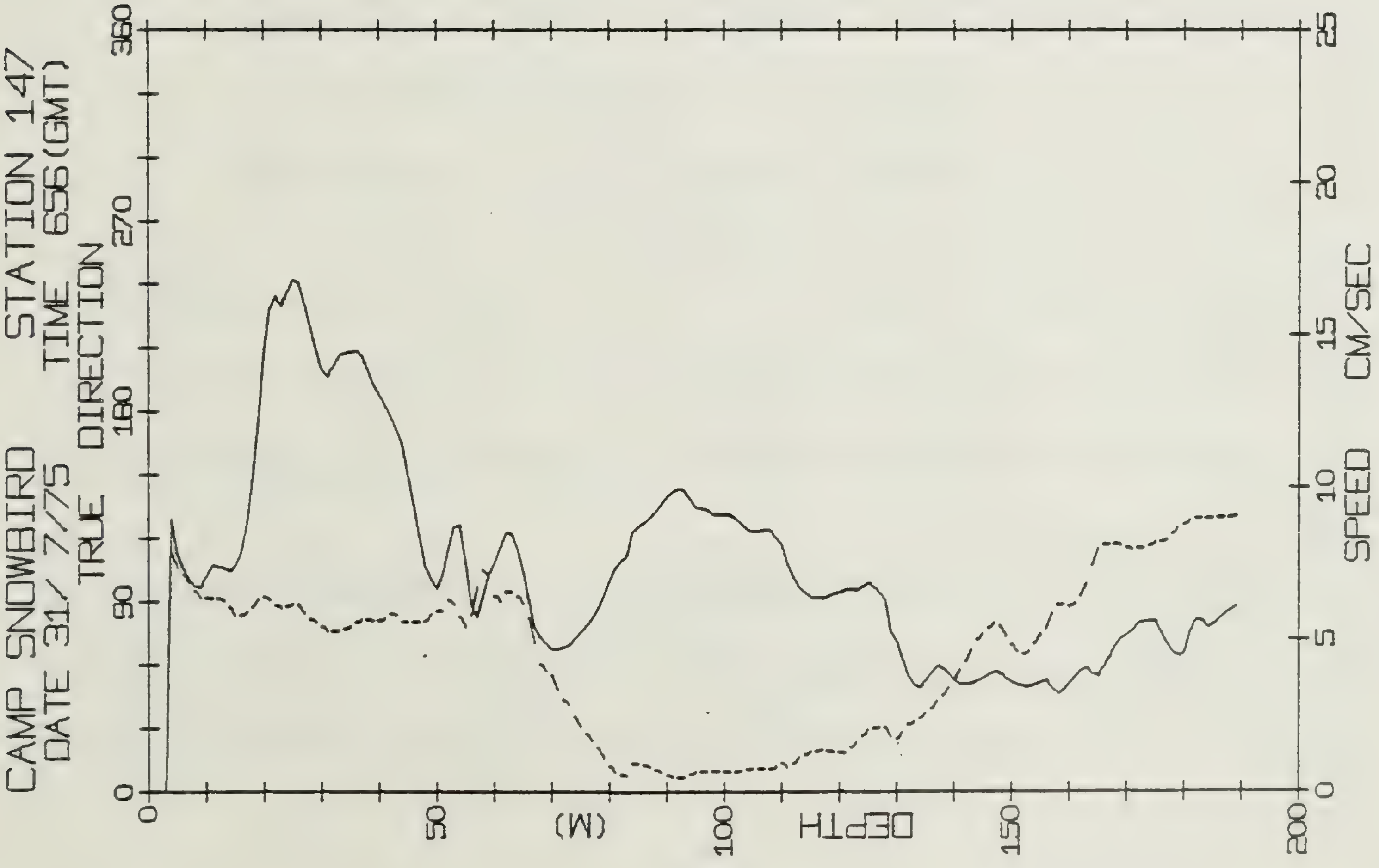
```
SNOWBIRD STATION 140     (198M.)      18/JUL/75       2244 GMT
LAT= 76.3740N  LONG= 148.7108W  LTER=     1.  LGER=     2
NIVEL=  -9.4   EIVEL=   -1.8    NVER=     0   EVER=     0

DPT     SPD   DRN        DPT     SPD    DRN        DPT     SPD    DRN
  0     0.0   999.9       67     4.8   127.1       134     5.5   268.4
  1     0.0   999.9       68     4.5   126.0       135     5.6   265.1
  2     0.0   999.9       69     4.2   123.9       136     5.6   263.5
  3     0.0   999.9       70     3.7   119.4       137     5.9   261.4
  4    10.5   230.8       71     3.3   113.5       138     6.3   260.3
  5     9.0   234.8       72     3.2   109.9       139     6.7   258.6
  6     7.2   239.9       73     3.1   103.0       140     6.9   256.2
  7     4.8   249.8       74     2.9   101.4       141     7.1   255.0
  8     3.4   258.1       75     2.7    95.9       142     7.3   253.9
  9     1.5   239.3       76     2.8    86.9       143     7.5   252.8
 10     1.4   150.7       77     3.1    77.1       144     7.7   252.4
 11     3.3   135.0       78     3.7    77.2       145     7.9   252.6
 12     5.6   136.0       79     4.5    80.4       146     8.1   252.3
 13     6.8   142.7       80     5.2    84.5       147     8.2   250.3
 14     8.7   148.7       81     5.8    88.3       148     8.4   249.3
 15     9.8   153.0       82     6.1    93.0       149     8.5   248.3
 16    11.4   154.1       83     6.1    96.4       150     8.5   247.6
 17    13.5   159.8       84     5.8    98.7       151     8.6   246.8
 18    15.6   168.8       85     5.1    99.4       152     8.8   247.1
 19    17.6   178.6       86     4.3   100.6       153     9.0   246.5
 20    18.1   183.9       87     3.2   101.9       154     9.1   245.6
 21    18.2   187.6       88     2.0   108.4       155     9.0   245.0
 22    18.3   195.1       89     1.5   119.3       156     8.9   244.1
 23    18.3   199.6       90     1.6   127.3       157     8.8   243.3
 24    17.7   205.1       91     1.7   132.9       158     8.9   243.9
 25    17.0   209.2       92     1.8   122.8       159     9.0   244.0
 26    16.1   212.6       93     2.0   113.4       160     9.1   244.3
 27    15.5   217.1       94     2.1   114.1       161     9.7   245.1
 28    14.9   223.5       95     2.3   121.9       162    10.7   245.3
 29    14.1   230.3       96     2.7   127.2       163    11.3   245.4
 30    12.9   235.8       97     3.8   134.5       164    11.5   245.4
 31    11.7   241.5       98     4.6   143.5       165    11.6   245.7
 32    10.7   247.2       99     5.4   149.5       166    11.6   245.9
 33    10.1   252.1      100     5.7   152.6       167    11.6   245.9
 34     9.4   253.8      101     5.9   156.6       168    11.6   246.0
 35     8.9   254.5      102     6.0   158.4       169    11.6   246.0
 36     8.5   255.0      103     6.1   158.9       170    11.6   246.0
 37     8.0   254.7      104     6.5   158.6       171    11.6   246.2
 38     7.4   253.1      105     6.7   158.5       172    11.7   246.1
 39     7.0   252.7      106     6.7   157.1       173    11.9   245.6
 40     6.5   256.8      107     6.4   155.5       174    11.9   242.7
 41     6.1   262.1      108     6.1   155.1       175    11.9   239.3
 42     5.7   265.6      109     5.8   155.7       176    12.6   235.8
 43     5.5   269.0      110     5.9   157.1       177    13.6   235.0
 44     5.2   272.3      111     6.2   159.9       178    14.4   234.6
 45     4.9   275.8      112     6.5   160.5       179    14.8   235.1
 46     4.6   277.9      113     6.6   160.1       180    14.8   235.1
 47     4.0   277.8      114     6.6   158.9       181    14.6   234.7
 48     3.0   275.2      115     6.3   157.2       182    14.4   234.1
 49     2.0   273.4      116     5.9   153.8       183    14.1   233.3
 50     1.1   279.5      117     5.3   152.6       184    13.9   232.1
 51     0.6   313.9      118     4.2   155.2       185    13.9   230.9
 52     0.5    19.5      119     3.2   164.4       186    14.3   229.8
 53     0.6    58.2      120     2.5   179.3       187    14.7   229.5
 54     0.8    82.9      121     2.2   194.4       188    15.0   230.5
 55     0.9   109.3      122     1.9   207.0       189    15.3   231.5
 56     1.1   126.2      123     1.6   224.4       190    15.4   231.5
 57     1.3   118.7      124     1.6   244.8       191    15.8   230.3
 58     1.7    97.0      125     1.7   259.5       192    16.4   229.6
 59     1.9    91.5      126     2.0   270.9       193    17.0   229.2
 60     2.2    88.0      127     2.5   273.2       194    17.4   228.9
 61     2.5    87.5      128     2.9   269.9       195    17.6   229.4
 62     3.5    90.3      129     3.4   268.0       196    17.9   229.8
 63     4.5    98.5      130     4.1   268.9       197    18.3   230.3
 64     4.9   106.4      131     4.8   270.4       198    18.7   230.9
 65     5.1   117.3      132     5.2   271.3
 66     5.0   124.2      133     5.5   270.8
```

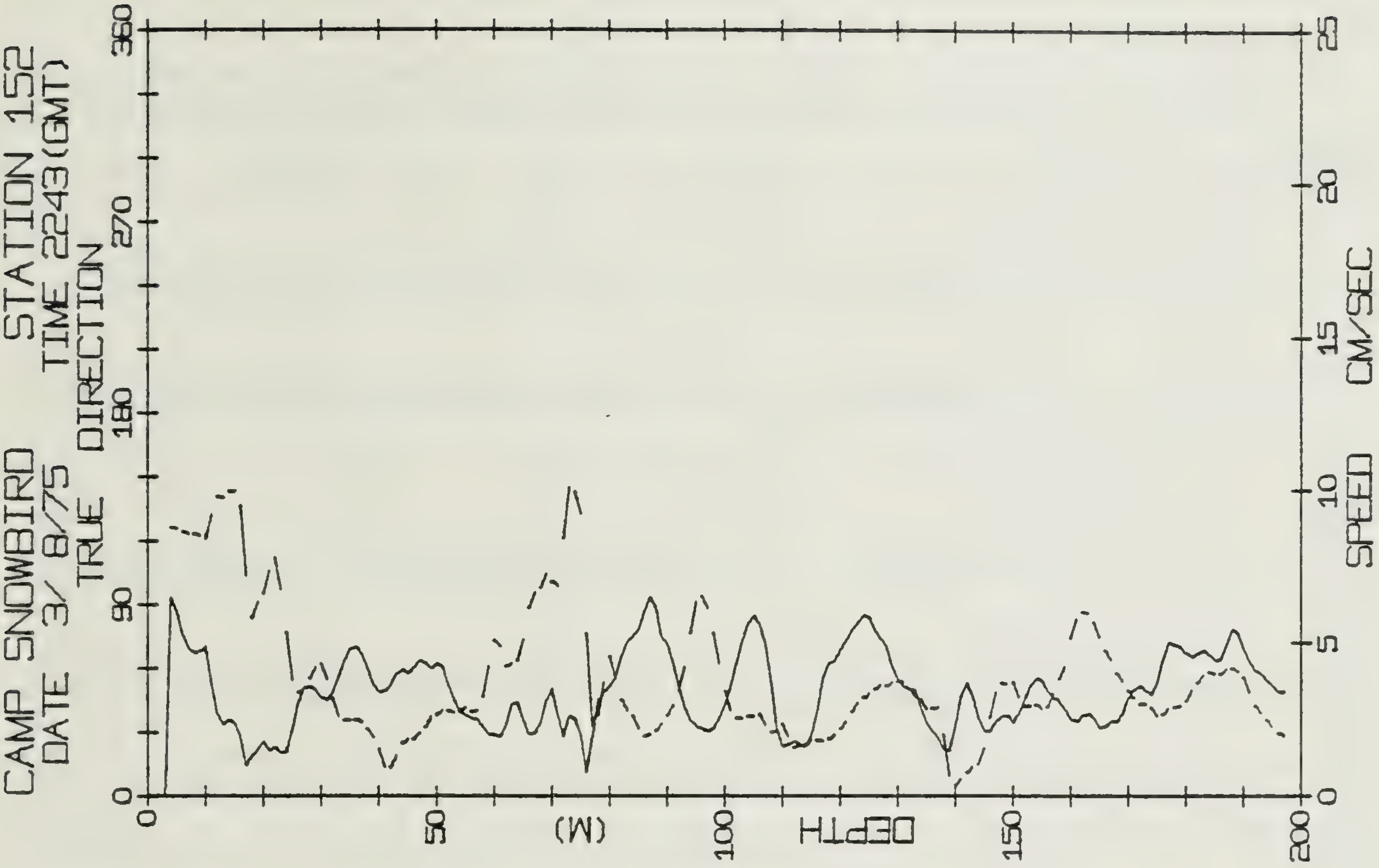

CAMP SNOWBIRD STATION 141
DATE 19/ 7/75 TIME 606(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 146
DATE 30/ 7/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 141      (198M.)      19/JUL/75        606 GMT
LAT= 76.3466N  LONG= 148.7325W  LTER=      2.  LGER=      4.
NIVEL= -11.2   EIVEL=  -7.2     NVER=      0.  EVER=      0.

 DPT    SPD     DRN     DPT    SPD     DRN     DPT    SPD     DRN
   0    0.0   999.9      67    2.4   194.5     134   13.4   258.2
   1    0.0   999.9      68    2.4   196.7     135   14.4   256.1
   2    0.0   999.9      69    2.0   195.5     136   15.1   254.7
   3    0.0   999.9      70    1.9   192.7     137   15.8   253.4
   4   11.4   246.4      71    1.8   192.7     138   15.8   253.7
   5   10.6   249.0      72    1.7   193.5     139   15.9   254.0
   6    9.0   252.1      73    1.7   195.0     140   16.0   254.9
   7    7.6   250.3      74    1.7   197.3     141   16.1   255.8
   8    5.9   242.9      75    1.7   200.3     142   16.1   255.9
   9    4.7   195.5      76    1.8   203.7     143   16.0   255.3
  10    5.7   249.4      77    1.9   207.3     144   16.4   257.2
  11    5.8   254.0      78    2.1   210.8     145   16.5   257.7
  12    4.0   182.2      79    2.3   214.0     146   16.3   256.5
  13    6.4   167.0      80    2.4   217.0     147   16.0   255.1
  14    9.2   164.9      81    2.6   219.6     148   16.0   255.1
  15   14.6   171.5      82    3.6   219.6     149   16.1   255.8
  16   20.0   186.7      83    4.6   219.3     150   16.1   255.5
  17   22.1   196.8      84    4.4   221.8     151   15.7   252.9
  18   23.3   207.0      85    4.4   223.4     152   15.2   250.2
  19   23.5   212.2      86    5.1   222.9     153   15.3   250.7
  20   23.6   215.1      87    5.5   225.2     154   15.7   251.3
  21   23.7   210.0      88    5.7   231.8     155   16.3   251.7
  22   23.8   220.9      89    6.0   237.8     156   16.6   251.7
  23   23.6   225.1      90    6.0   241.5     157   16.3   250.5
  24   23.0   229.2      91    6.1   245.2     158   16.0   249.3
  25   22.0   234.2      92    6.3   249.9     159   16.2   250.5
  26   20.7   239.7      93    6.8   255.5     160   16.4   251.6
  27   19.0   244.5      94    7.1   258.8     161   16.8   252.2
  28   17.2   248.9      95    7.1   259.8     162   17.0   251.9
  29   15.6   250.9      96    7.1   260.8     163   17.3   250.8
  30   14.3   251.7      97    7.1   261.8     164   17.5   249.6
  31   13.1   251.4      98    7.1   262.3     165   18.1   249.8
  32   12.1   250.5      99    7.2   262.3     166   18.7   249.8
  33   11.4   249.4     100    7.2   262.3     167   19.0   248.9
  34   11.4   247.8     101    7.4   262.8     168   19.3   247.5
  35   11.4   248.6     102    7.6   263.4     169   19.5   246.0
  36   11.4   249.7     103    8.3   264.0     170   19.7   244.1
  37   11.4   252.0     104    9.4   265.3     171   19.8   242.1
  38   11.4   254.3     105   10.5   265.8     172   19.8   240.2
  39   11.3   252.7     106   10.9   266.8     173   19.8   238.2
  40   11.1   250.8     107   11.0   268.8     174   19.8   236.5
  41   10.8   248.8     108   11.2   270.5     175   20.3   235.5
  42   10.5   248.1     109   11.4   272.2     176   20.4   235.9
  43   10.1   249.8     110   11.6   273.8     177   20.6   236.3
  44    9.7   252.0     111   11.7   274.9     178   20.8   236.6
  45    9.0   254.5     112   11.8   276.3     179   21.0   236.9
  46    8.3   257.2     113   12.0   277.5     180   21.2   237.2
  47    7.6   258.6     114   11.5   273.0     181   21.3   237.4
  48    6.8   258.2     115   11.2   268.2     182   21.5   237.5
  49    6.1   255.2     116   11.1   266.7     183   21.5   237.5
  50    5.6   250.5     117   11.1   267.3     184   21.6   237.5
  51    5.5   246.5     118   11.2   267.8     185   21.4   236.6
  52    4.7   232.9     119   11.1   267.2     186   21.5   234.4
  53    4.4   213.4     120   11.0   266.2     187   22.3   232.4
  54    4.5   211.1     121   10.9   265.2     188   23.0   230.2
  55    4.6   210.6     122   10.9   265.1     189   23.4   229.7
  56    4.8   210.1     123   10.9   265.3     190   23.4   229.7
  57    4.8   208.5     124   10.9   265.5     191   23.1   229.4
  58    4.9   207.7     125   11.3   265.2     192   23.1   229.4
  59    5.2   207.6     126   11.9   263.5     193   23.6   229.8
  60    5.8   208.0     127   11.9   262.7     194   23.5   229.7
  61    5.7   207.4     128   11.9   263.0     195   23.6   229.7
  62    4.5   204.6     129   12.0   264.0     196   24.0   230.1
  63    3.7   201.5     130   12.0   264.4     197   23.8   229.9
  64    3.0   197.5     131   12.0   263.7     198   23.9   229.9
  65    2.7   195.1     132   12.1   262.3
  66    2.4   190.8     133   12.6   260.0
```

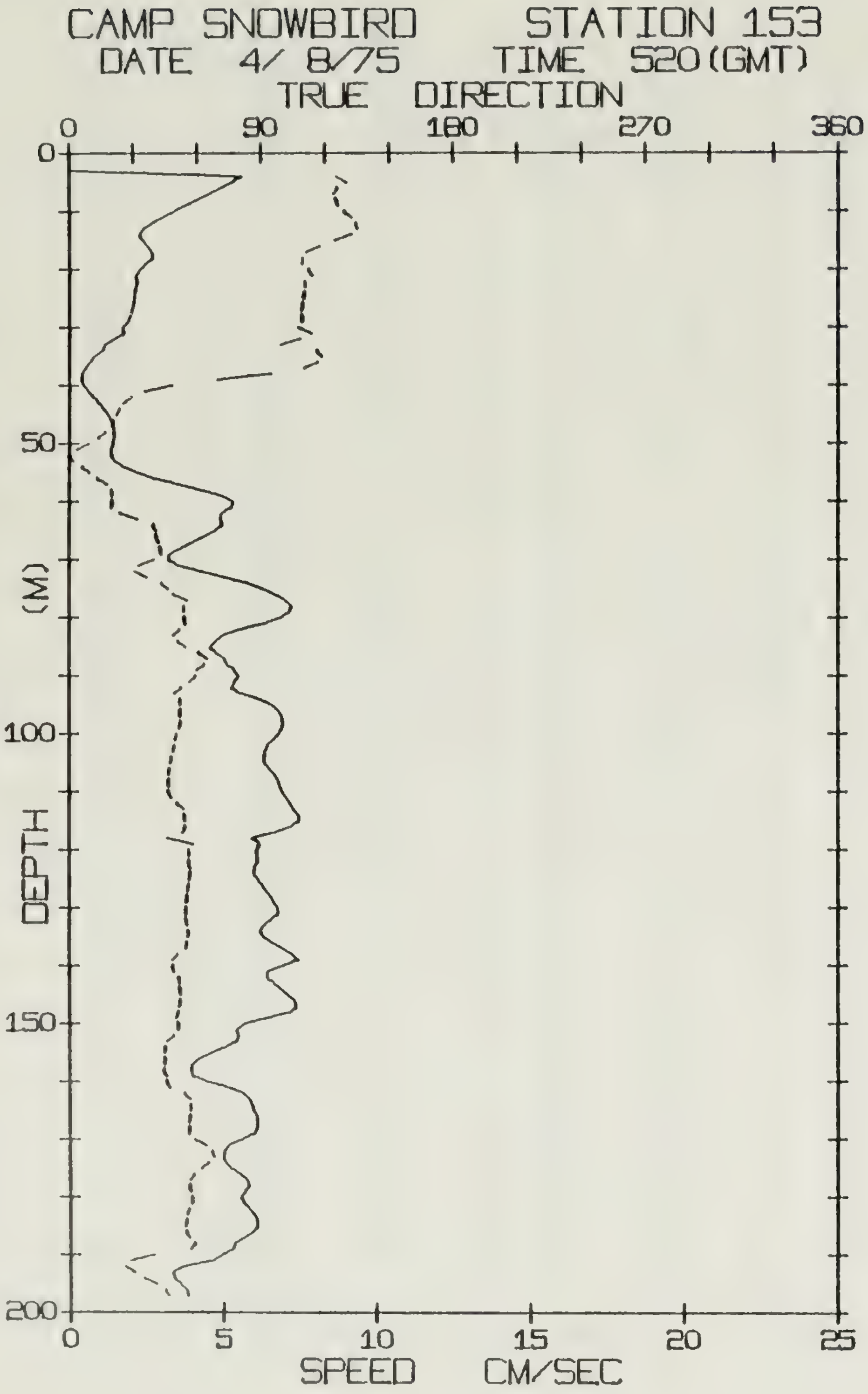
```
SNOWBIRD STATION 146      (195M.)      30/JUL/75        543 GMT
LAT= 75.6476N  LONG= 149.0498W  LTER=    271.  LGER=    360
NIVEL= -11.7   EIVEL=  -3.5     NVER=      4.  EVER=      4.

 DPT    SPD     DRN     DPT    SPD     DRN     DPT    SPD     DRN
   0    0.0   999.9      67   11.9   241.2     134    8.8   217.0
   1    0.0   999.9      68   12.1   241.4     135    8.9   217.3
   2    0.0   999.9      69   12.5   239.5     136    8.9   219.6
   3    0.0   999.9      70   12.7   237.7     137    9.0   222.1
   4   12.7   215.7      71   13.0   236.3     138    8.9   224.2
   5   11.6   232.4      72   13.4   234.1     139    8.9   226.2
   6   11.2   239.1      73   13.3   229.4     140    8.8   227.0
   7   10.8   242.5      74   12.8   225.4     141    8.9   225.1
   8   10.6   243.5      75   12.6   223.2     142    9.0   224.0
   9   10.5   244.7      76   12.8   223.8     143    9.0   223.0
  10   10.4   246.3      77   12.9   224.4     144    9.0   221.9
  11   10.6   246.1      78   12.9   225.8     145    8.7   222.0
  12   10.9   246.0      79   12.7   226.0     146    8.6   223.5
  13   11.0   247.0      80   12.4   225.1     147    8.8   224.7
  14   11.2   248.4      81   12.2   224.5     148    8.9   225.0
  15   11.6   250.3      82   12.1   225.9     149    9.0   225.4
  16   12.0   251.9      83   12.1   227.8     150    8.7   226.1
  17   12.3   249.3      84   11.6   230.3     151    8.5   227.0
  18   12.6   246.6      85   10.8   230.0     152    8.5   227.8
  19   12.7   244.2      86   10.3   226.0     153    8.4   228.5
  20   12.6   240.5      87    9.9   225.0     154    8.4   229.3
  21   12.0   238.4      88    9.8   226.1     155    8.4   229.5
  22   11.2   241.7      89    9.8   227.9     156    8.3   229.5
  23   11.0   244.8      90    9.7   229.8     157    8.4   228.7
  24   11.2   245.6      91    9.5   230.9     158    8.4   227.6
  25   11.5   245.8      92    9.4   229.9     159    8.4   225.6
  26   12.0   248.2      93    9.4   227.7     160    8.2   222.2
  27   12.0   248.8      94    9.4   225.1     161    8.2   218.8
  28   11.6   248.5      95    9.6   222.8     162    8.2   216.0
  29   11.1   247.2      96    9.8   220.6     163    8.3   213.7
  30   10.4   247.3      97   10.0   220.0     164    8.3   213.6
  31    9.7   249.5      98   10.0   221.5     165    8.2   213.6
  32    9.3   246.1      99   10.2   223.2     166    8.4   212.5
  33    9.2   243.6     100   10.3   223.7     167    8.8   212.6
  34    9.2   243.8     101   10.5   227.9     168    9.0   213.1
  35    9.3   245.4     102   10.5   228.4     169    9.0   215.1
  36    9.5   245.8     103   10.1   225.0     170    8.8   216.8
  37    9.8   246.5     104    9.9   223.8     171    8.7   218.4
  38    9.9   245.9     105    9.4   225.4     172    8.7   218.6
  39   10.0   245.7     106    9.1   226.3     173    8.8   217.9
  40   10.3   245.2     107    8.9   226.5     174    8.9   216.7
  41   10.9   245.1     108    8.5   225.7     175    8.9   216.2
  42   11.2   245.5     109    8.4   225.6     176    8.8   216.2
  43   11.2   245.0     110    8.4   225.1     177    8.7   218.7
  44   11.2   244.6     111    8.4   224.9     178    8.9   219.5
  45   11.2   244.3     112    8.4   226.1     179    9.2   218.1
  46   11.4   244.9     113    8.4   226.7     180    9.3   218.4
  47   11.7   245.0     114    8.5   223.9     181    9.2   219.2
  48   11.6   245.1     115    8.6   221.2     182    9.1   220.0
  49   11.6   244.7     116    8.7   220.3     183    8.9   223.0
  50   11.9   246.7     117    8.8   220.7     184    9.1   223.0
  51   12.3   248.3     118    8.9   221.9     185    9.4   221.1
  52   12.5   249.0     119    9.0   223.5     186    9.7   220.7
  53   11.9   245.2     120    9.1   225.4     187   10.1   221.2
  54   11.0   241.0     121    9.2   226.2     188   10.5   221.1
  55   10.6   238.7     122    9.2   228.3     189   10.6   220.4
  56   10.5   235.1     123    9.1   227.2     190   10.4   218.0
  57   10.5   229.1     124    9.0   225.6     191   10.3   215.2
  58   10.7   226.3     125    9.0   226.6     192   10.2   215.2
  59   10.9   222.4     126    9.1   226.8     193   10.1   217.5
  60   11.0   217.8     127    9.0   226.4     194    9.9   220.5
  61   11.2   213.3     128    8.9   225.8     195   10.2   222.7
  62   11.2   214.3     129    8.7   226.9
  63   11.2   219.4     130    8.3   228.4
  64   11.1   225.6     131    8.2   226.2
  65   11.2   230.6     132    8.3   222.7
  66   11.6   236.5     133    8.6   219.9
```

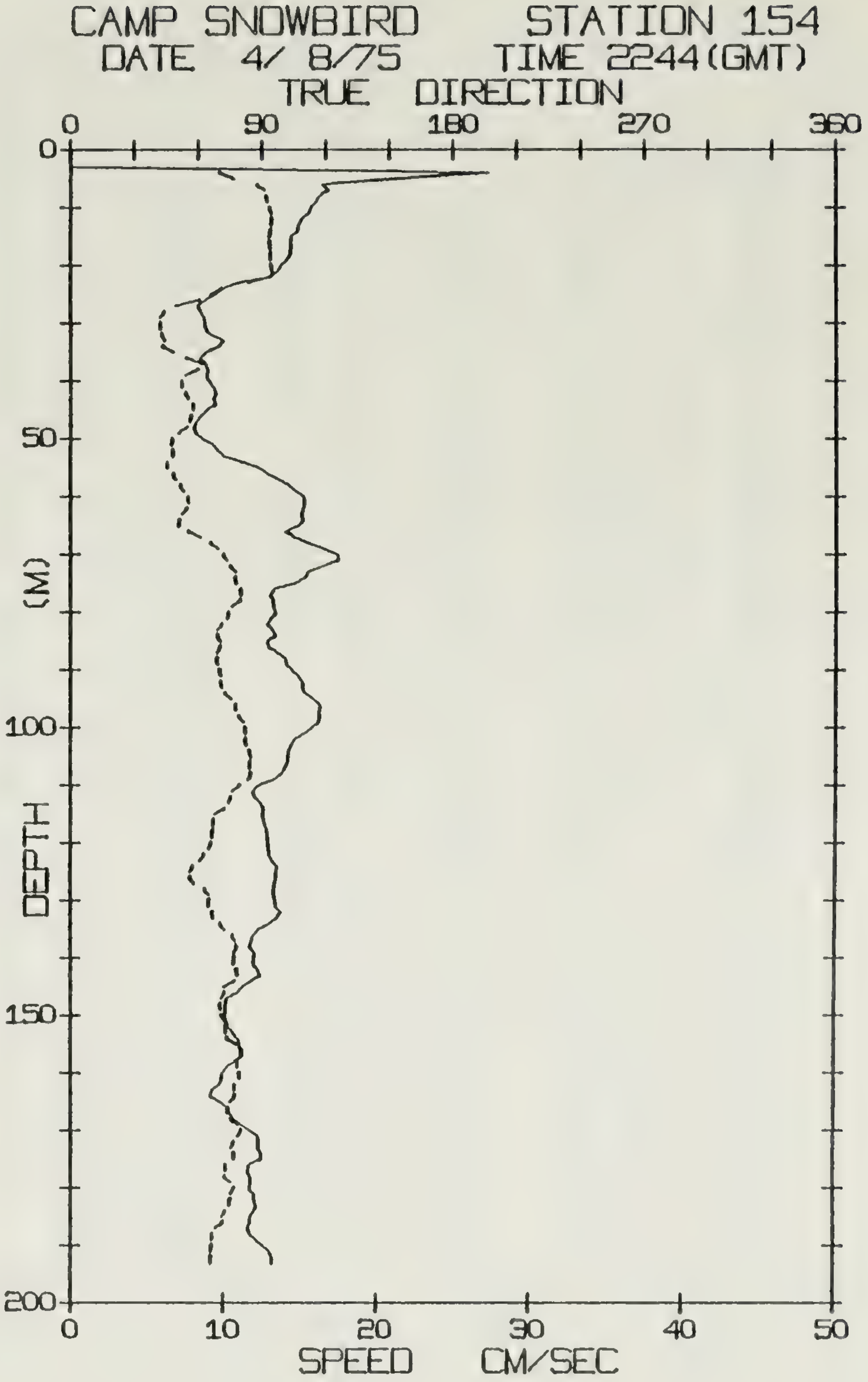

CAMP SNOWBIRD STATION 147
DATE 31/ 7/75 TIME 656(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 152
DATE 3/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 147     (189M.)      31/JUL/75      656 GMT
LAT= 75.5406N  LONG= 148.7081W  LTER=    2.  LCER=    4.
NIVEL= -10.8   EIVEL=  12.2     NVER=    0.  EVER=    0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67    5.4    70.8       134    3.4    34.8
   1    0.0   999.9        68    5.1    60.2       135    3.7    37.2
   2    0.0   999.9        69    4.9    57.4       136    3.9    39.5
   3    0.0   999.9        70    4.7    55.2       137    4.1    42.6
   4    9.0   112.7        71    4.7    48.1       138    4.1    45.4
   5    7.8   106.4        72    4.8    43.2       139    3.9    48.8
   6    7.4   102.5        73    4.8    41.2       140    3.6    53.0
   7    7.0    99.0        74    5.0    35.5       141    3.5    57.5
   8    6.8    94.9        75    5.2    30.9       142    3.5    61.7
   9    6.7    91.8        76    5.4    27.7       143    3.6    66.9
  10    7.1    91.6        77    5.7    24.3       144    3.7    72.0
  11    7.4    91.3        78    6.0    20.7       145    3.8    74.4
  12    7.4    91.3        79    6.4    16.1       146    3.9    77.6
  13    7.3    90.2        80    6.9    12.1       147    3.9    79.8
  14    7.3    87.5        81    7.3     9.1       148    3.9    78.4
  15    7.4    83.2        82    7.6     7.8       149    3.7    73.8
  16    7.8    83.6        83    7.7     7.1       150    3.6    69.5
  17    8.7    85.0        84    8.5    13.0       151    3.5    66.2
  18   10.2    87.5        85    8.7    13.3       152    3.5    65.0
  19   12.0    91.1        86    8.8    12.4       153    3.5    66.4
  20   14.4    92.3        87    9.0    11.4       154    3.5    70.3
  21   15.8    90.6        88    9.2    10.2       155    3.6    74.2
  22   16.3    88.4        89    9.4     8.8       156    3.7    77.5
  23   16.0    87.1        90    9.7     7.6       157    3.4    84.2
  24   16.4    87.9        91    9.9     6.7       158    3.2    88.2
  25   16.8    88.8        92   10.0     6.3       159    3.3    88.5
  26   16.7    88.2        93    9.9     6.9       160    3.6    87.8
  27   16.1    84.5        94    9.6     8.0       161    3.8    88.9
  28   15.3    81.8        95    9.3     9.2       162    4.0    92.6
  29   14.6    80.2        96    9.3     9.6       163    4.1    98.4
  30   13.9    78.4        97    9.2     9.4       164    3.9   107.1
  31   13.6    76.2        98    9.1     9.8       165    3.8   114.8
  32   14.0    75.8        99    9.1     9.5       166    4.1   116.9
  33   14.3    76.3       100    9.1     9.1       167    4.4   117.1
  34   14.4    77.1       101    9.1     9.1       168    4.8   117.3
  35   14.5    78.5       102    8.9     9.4       169    5.0   116.6
  36   14.5    80.1       103    8.8     9.9       170    5.2   115.4
  37   14.3    81.7       104    8.6    10.7       171    5.3   114.5
  38   13.9    81.5       105    8.5    11.0       172    5.5   115.2
  39   13.4    81.0       106    8.6    10.7       173    5.6   115.2
  40   13.0    80.9       107    8.6    10.5       174    5.6   116.3
  41   12.7    82.3       108    8.5    10.6       175    5.6   117.8
  42   12.3    84.2       109    8.3    11.9       176    5.2   118.4
  43   11.9    83.7       110    8.1    13.4       177    4.9   119.3
  44   11.4    80.5       111    7.5    11.6       178    4.6   121.9
  45   10.4    80.5       112    7.0    13.3       179    4.5   124.7
  46    9.5    80.3       113    6.7    16.1       180    4.6   126.2
  47    8.4    80.6       114    6.5    17.5       181    5.2   128.1
  48    7.4    81.1       115    6.4    19.0       182    5.6   129.2
  49    7.0    83.8       116    6.4    19.4       183    5.6   129.3
  50    6.7    85.4       117    6.3    19.9       184    5.4   129.2
  51    7.1    85.8       118    6.4    19.2       185    5.5   129.4
  52    8.0    90.7       119    6.5    18.7       186    5.7   129.6
  53    8.7    88.5       120    6.6    18.5       187    5.8   129.9
  54    8.8    83.1       121    6.6    18.3       188    6.0   130.1
  55    7.6    78.4       122    6.6    20.6       189    6.1   130.4
  56    6.1    83.6       123    6.6    23.4
  57    5.7    96.6       124    6.7    26.6
  58    6.4   104.6       125    6.9    29.3
  59    7.1   101.5       126    6.7    30.1
  60    7.5    92.6       127    6.5    30.7
  61    8.0    90.5       128    6.3    30.6
  62    8.5    94.3       129    5.2    26.2
  63    8.5    94.6       130    4.9    25.2
  64    8.0    92.4       131    4.4    28.1
  65    7.3    89.5       132    3.8    31.9
  66    6.3    82.3       133    3.5    33.3
```

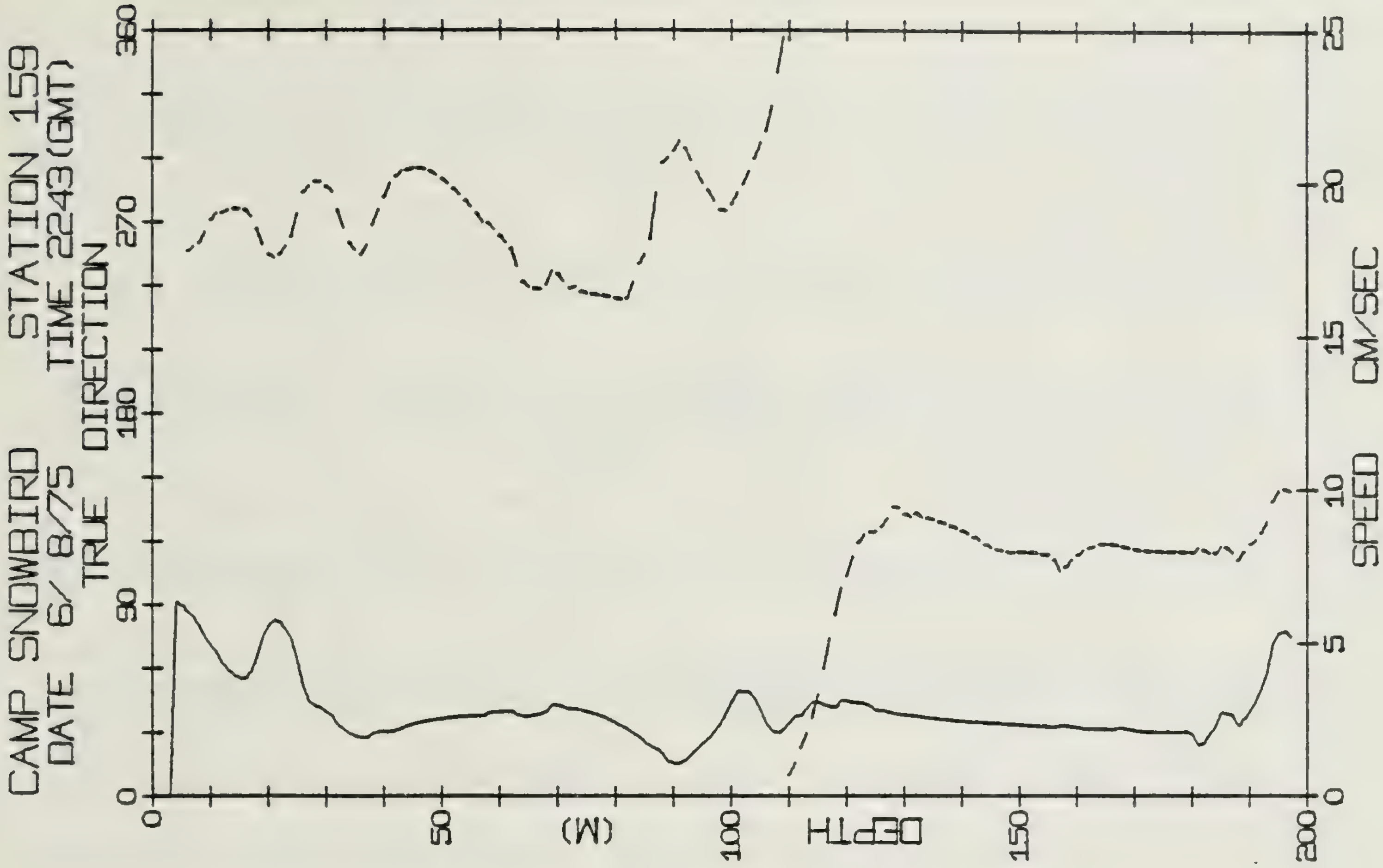
```
SNOWBIRD STATION 152     (197M.)       3/AUG/75     2243 GMT
LAT= 75.3672N  LONG= 147.9102W  LTER=    1.  LCER=    2.
NIVEL=   0.4   EIVEL=   9.7     NVER=    0.  EVER=    0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67    2.1    95.3       134    2.9    45.5
   1    0.0   999.9        68    2.4    98.0       135    2.4    41.3
   2    0.0   999.9        69    3.1   104.5       136    2.1    41.5
   3    0.0   999.9        70    3.5   100.9       137    1.9    41.9
   4    6.5   126.1        71    2.7    98.9       138    1.5    29.0
   5    6.0   125.5        72    2.0   121.2       139    1.5     9.8
   6    5.3   124.3        73    2.6   145.1       140    2.3     5.0
   7    4.8   123.0        74    2.5   143.1       141    3.3     8.1
   8    4.7   123.2        75    2.0   133.2       142    3.7    11.1
   9    4.7   122.4        76    0.8    76.5       143    3.3    13.8
  10    4.9   121.1        77    1.9    33.1       144    2.6    14.8
  11    3.7   132.3        78    3.1    38.3       145    2.1    22.6
  12    2.7   140.7        79    3.4    53.4       146    2.1    36.8
  13    2.3   140.3        80    3.6    65.5       147    2.4    48.5
  14    2.5   143.0        81    3.9    55.6       148    2.6    53.1
  15    2.4   143.7        82    4.5    45.3       149    2.6    52.5
  16    1.9   136.3        83    5.0    40.7       150    2.4    53.8
  17    1.0   104.1        84    5.2    37.6       151    2.7    47.0
  18    1.3    84.1        85    5.4    32.2       152    3.1    42.4
  19    1.5    91.0        86    6.0    28.3       153    3.6    42.3
  20    1.8    95.5        87    6.5    29.3       154    3.8    42.9
  21    1.5   106.0        88    6.2    30.8       155    3.8    41.1
  22    1.6   111.7        89    5.2    33.7       156    3.4    41.8
  23    1.4    97.1        90    4.9    38.1       157    3.2    48.2
  24    1.4    76.9        91    4.4    42.4       158    3.1    55.3
  25    2.1    54.9        92    3.6    49.6       159    2.8    60.8
  26    3.0    49.1        93    2.9    60.7       160    2.5    74.7
  27    3.5    51.1        94    2.5    76.8       161    2.4    83.1
  28    3.6    55.6        95    2.3    91.0       162    2.6    86.6
  29    3.5    60.4        96    2.2    93.8       163    2.7    85.9
  30    3.2    61.8        97    2.1    88.6       164    2.5    81.8
  31    3.1    55.3        98    2.2    77.0       165    2.2    75.0
  32    3.4    45.6        99    2.5    62.8       166    2.3    68.6
  33    3.9    37.8       100    3.0    49.4       167    2.4    64.1
  34    4.4    35.8       101    3.6    40.7       168    2.4    58.0
  35    4.8    35.5       102    4.3    36.7       169    2.7    54.5
  36    4.9    36.1       103    5.1    36.5       170    3.2    49.8
  37    4.7    34.6       104    5.6    37.5       171    3.5    45.9
  38    4.2    31.8       105    5.9    37.5       172    3.6    43.4
  39    3.7    27.9       106    5.6    38.5       173    3.5    42.9
  40    3.4    22.0       107    5.0    33.7       174    3.3    41.3
  41    3.4    14.0       108    3.8    30.1       175    3.7    37.7
  42    3.6    13.6       109    2.2    30.9       176    4.4    38.4
  43    4.0    18.5       110    1.6    33.7       177    5.0    41.1
  44    4.1    25.1       111    1.7    28.1       178    4.9    41.9
  45    4.0    26.8       112    1.8    22.9       179    4.8    42.6
  46    4.2    27.3       113    1.6    24.7       180    4.7    44.5
  47    4.4    29.7       114    1.7    24.2       181    4.5    49.4
  48    4.3    32.7       115    2.0    26.2       182    4.7    53.2
  49    4.2    36.8       116    2.8    26.0       183    4.8    57.0
  50    4.3    38.4       117    3.9    26.0       184    4.6    58.2
  51    4.2    40.2       118    4.3    27.1       185    4.4    57.7
  52    3.7    40.0       119    4.4    28.8       186    4.5    57.7
  53    3.2    39.1       120    4.8    31.7       187    4.9    59.7
  54    2.8    40.2       121    5.1    35.2       188    5.4    60.3
  55    2.6    41.6       122    5.4    39.5       189    5.3    58.8
  56    2.5    39.7       123    5.7    43.6       190    4.8    55.9
  57    2.5    40.2       124    5.9    46.3       191    4.4    49.2
  58    2.3    47.0       125    5.8    48.4       192    4.1    42.6
  59    2.0    61.0       126    5.4    50.5       193    4.0    39.4
  60    2.0    72.9       127    5.1    52.5       194    3.8    35.9
  61    1.9    70.6       128    4.9    51.9       195    3.6    32.5
  62    2.3    61.3       129    4.2    53.6       196    3.4    29.7
  63    3.0    62.5       130    3.8    54.2       197    3.4    28.3
  64    3.1    64.0       131    3.6    53.5
  65    2.5    73.5       132    3.5    50.4
  66    2.0    88.7       133    3.4    46.8
```

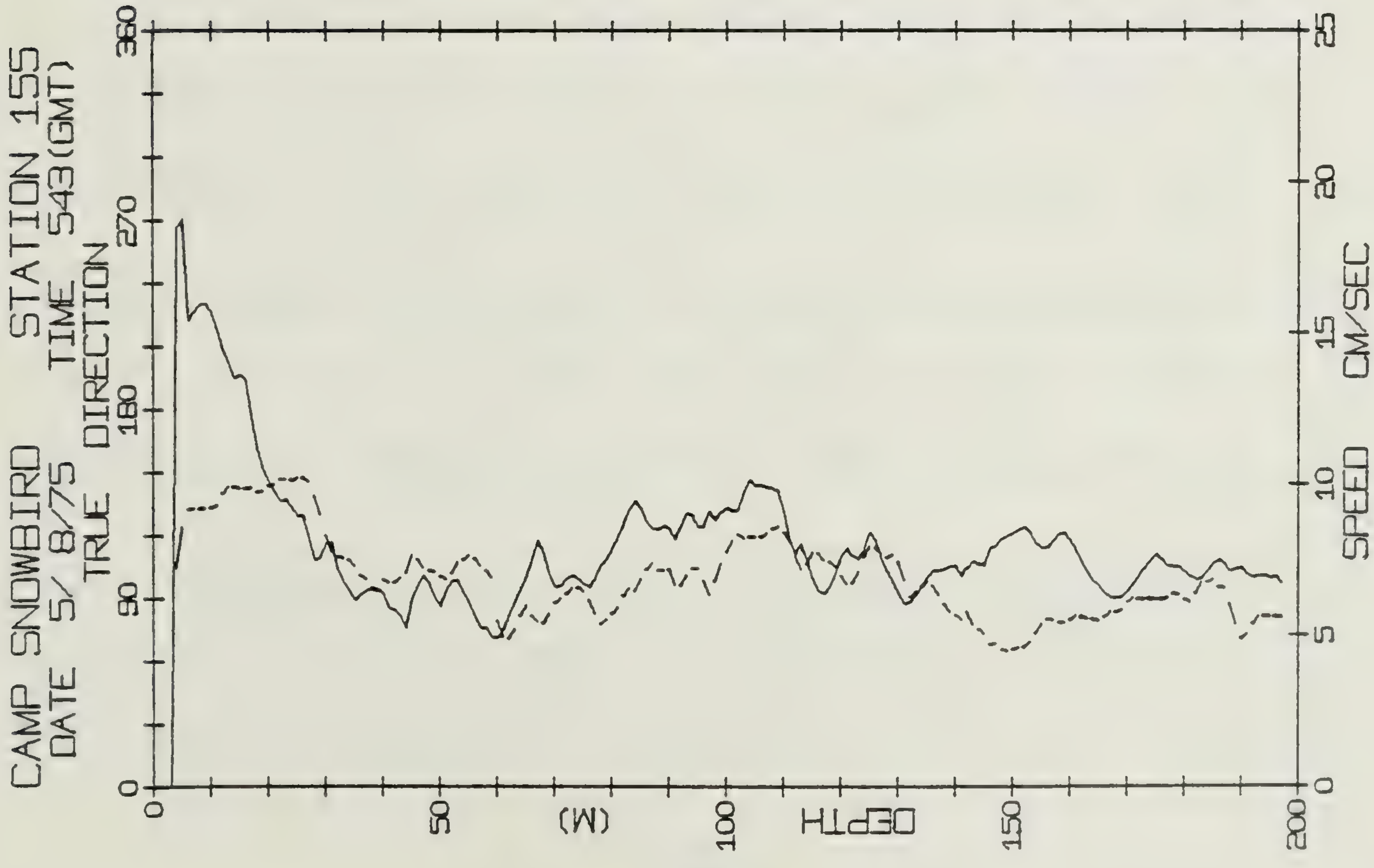

CAMP SNOWBIRD STATION 153
DATE 4/ 8/75 TIME 520(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 154
DATE 4/ 8/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
10
20
30
40
50
SPEED CM/SEC

```
SNOWBIRD STATION 153     (197M.)        4/AUG/75        520 GMT
LAT= 75.3711N  LONG= 147.8313W  LTER=   109.   LCER=   133.
NIVEL=   2.0   EIVEL=    7.4    NVER=     1.   EVER=     2.

DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
  0    0.0   999.9        67    4.0    42.0       134    6.2    56.0
  1    0.0   999.9        68    3.7    42.7       135    6.3    55.6
  2    0.0   999.9        69    3.3    43.2       136    6.6    54.9
  3    0.0   999.9        70    3.2    39.9       137    6.9    54.4
  4    5.6   125.4        71    3.6    32.9       138    7.2    50.9
  5    5.3   129.6        72    4.2    30.8       139    7.5    48.6
  6    4.9   125.5        73    5.0    36.1       140    7.0    48.1
  7    4.6   124.1        74    5.8    43.3       141    6.5    49.3
  8    4.2   125.0        75    6.3    46.0       142    6.5    51.3
  9    3.8   126.2        76    6.7    49.0       143    6.7    52.0
 10    3.4   128.9        77    7.0    55.0       144    6.9    52.3
 11    3.1   132.0        78    7.2    53.9       145    7.1    52.3
 12    2.7   134.6        79    7.2    54.0       146    7.3    51.9
 13    2.4   135.4        80    6.9    54.3       147    7.4    51.5
 14    2.3   132.4        81    6.4    54.7       148    7.2    50.8
 15    2.4   124.6        82    5.6    52.0       149    6.5    50.2
 16    2.6   117.6        83    5.0    49.4       150    5.7    51.1
 17    2.7   111.6        84    4.8    51.1       151    5.5    51.1
 18    2.7   109.9        85    4.6    54.1       152    5.5    48.9
 19    2.5   109.2        86    4.8    60.7       153    5.5    46.2
 20    2.3   112.4        87    5.1    64.6       154    5.1    44.7
 21    2.2   114.0        88    5.1    63.5       155    4.6    44.5
 22    2.2   110.7        89    5.4    60.4       156    4.2    44.5
 23    2.2   110.8        90    5.5    59.2       157    4.0    44.6
 24    2.1   110.2        91    5.4    56.9       158    4.0    44.2
 25    2.1   109.7        92    5.3    52.7       159    4.0    45.5
 26    2.1   109.3        93    5.6    50.0       160    4.5    45.7
 27    2.0   109.1        94    6.2    51.9       161    5.1    47.0
 28    2.0   109.1        95    6.6    52.0       162    5.7    53.9
 29    1.9   109.2        96    6.8    52.2       163    5.9    56.4
 30    1.8   107.5        97    6.9    52.3       164    6.0    57.0
 31    1.8   113.6        98    7.0    52.5       165    6.0    56.6
 32    1.5   108.5        99    6.9    51.4       166    6.1    56.2
 33    1.1    99.5       100    6.8    50.4       167    6.1    56.0
 34    1.1   116.3       101    6.6    49.7       168    6.1    56.0
 35    0.8   118.5       102    6.4    49.1       169    6.0    56.3
 36    0.7   116.8       103    6.4    48.4       170    5.6    58.8
 37    0.5   110.6       104    6.4    47.7       171    5.2    63.7
 38    0.4    94.7       105    6.4    47.1       172    5.0    66.8
 39    0.4    69.9       106    6.5    46.6       173    5.0    67.7
 40    0.5    48.2       107    6.7    46.3       174    5.1    65.3
 41    0.6    35.7       108    6.8    46.3       175    5.3    62.0
 42    0.8    29.2       109    6.9    46.4       176    5.6    58.4
 43    1.0    25.7       110    6.9    46.7       177    5.8    56.7
 44    1.1    23.7       111    7.1    48.0       178    5.9    56.2
 45    1.3    22.2       112    7.2    50.5       179    5.7    56.9
 46    1.4    20.8       113    7.3    53.7       180    5.6    57.7
 47    1.5    19.9       114    7.5    54.3       181    5.7    57.0
 48    1.5    16.9       115    7.5    54.5       182    5.9    55.8
 49    1.4    13.8       116    7.2    54.3       183    6.0    54.9
 50    1.4     9.0       117    6.7    53.3       184    6.1    54.4
 51    1.4     4.1       118    6.0    46.1       185    6.1    54.3
 52    1.4     0.3       119    6.2    58.0       186    6.0    54.8
 53    1.5     1.8       120    6.1    56.2       187    5.7    56.1
 54    1.8     6.0       121    6.1    56.3       188    5.4    58.4
 55    2.2     9.1       122    6.2    56.2       189    5.3    56.6
 56    2.8    13.1       123    6.0    56.8       190    4.9    39.7
 57    3.5    17.6       124    6.0    56.9       191    4.6    28.7
 58    4.3    19.6       125    6.1    56.3       192    3.7    26.1
 59    5.0    19.9       126    6.3    55.7       193    3.3    30.0
 60    5.3    19.9       127    6.4    55.3       194    3.4    34.6
 61    5.3    19.6       128    6.6    55.0       195    3.6    40.4
 62    5.0    23.9       129    6.7    54.7       196    3.8    44.7
 63    4.9    31.8       130    6.8    54.6       197    3.9    46.0
 64    5.0    39.4       131    6.8    54.6
 65    4.8    40.7       132    6.6    54.9
 66    4.4    40.9       133    6.3    55.5
```

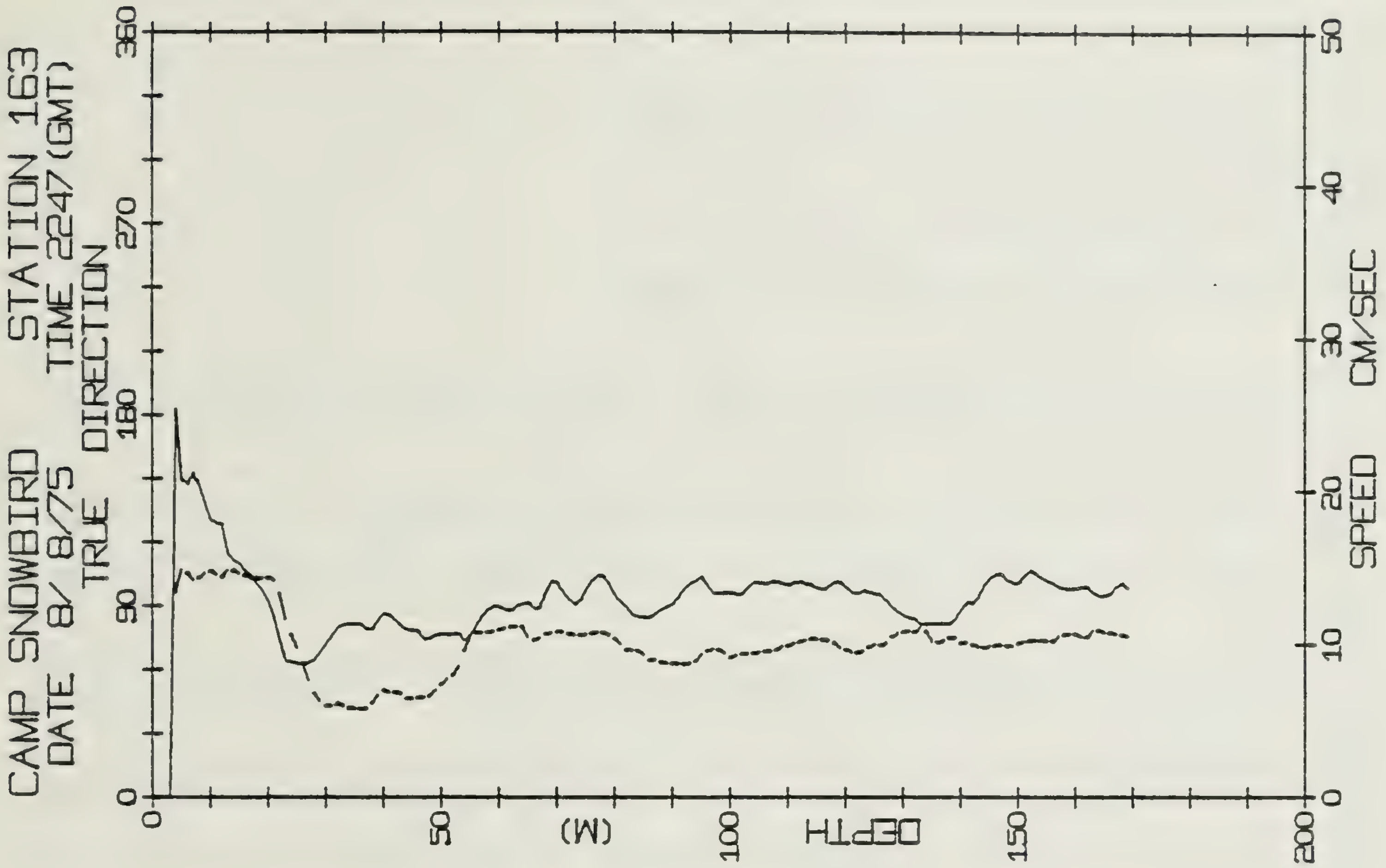
```
SNOWBIRD STATION 154     (193M.)        4/AUG/75       2244 GMT
LAT= 75.4172N  LONG= 147.5388W  LTER=     2.   LCER=     4.
NIVEL=  15.4   EIVEL=   23.5    NVER=     0.   EVER=     0.

DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
  0    0.0   999.9        67   14.6    61.0       134   13.0    70.7
  1    0.0   999.9        68   15.5    66.2       135   12.3    72.5
  2    0.0   999.9        69   16.5    69.5       136   12.0    76.3
  3    0.0   999.9        70   17.5    71.9       137   11.8    77.7
  4   27.3    70.1        71   17.6    73.8       138   11.7    78.6
  5   21.5    76.5        72   16.5    75.5       139   12.0    77.2
  6   16.4    87.5        73   15.5    77.9       140   12.0    77.1
  7   16.8    91.2        74   15.3    77.7       141   12.0    77.0
  8   16.3    92.1        75   14.7    78.4       142   12.3    78.2
  9   16.0    92.6        76   13.3    80.1       143   12.4    79.0
 10   15.7    93.8        77   13.1    80.6       144   11.9    77.3
 11   15.5    94.6        78   13.3    79.6       145   11.3    72.7
 12   15.1    94.4        79   13.3    76.4       146   10.9    72.8
 13   14.9    94.2        80   13.5    74.7       147   10.2    71.1
 14   14.8    93.8        81   13.2    73.7       148   10.1    70.4
 15   14.4    93.4        82   12.9    71.4       149   10.2    71.0
 16   14.4    93.9        83   13.2    69.5       150   10.1    71.6
 17   14.3    94.2        84   13.5    69.4       151   10.3    73.1
 18   14.4    94.3        85   12.9    70.7       152   10.4    73.3
 19   14.1    94.4        86   13.0    70.3       153   10.7    73.3
 20   13.7    94.6        87   13.6    69.4       154   10.9    74.1
 21   13.5    95.0        88   14.1    68.7       155   11.1    78.1
 22   13.1    93.7        89   14.2    69.4       156   11.2    80.7
 23   11.0    83.6        90   14.5    70.4       157   11.2    80.8
 24   10.0    71.2        91   14.9    71.1       158   10.7    78.8
 25    9.4    66.3        92   15.2    70.9       159   10.2    78.7
 26    8.8    60.7        93   15.2    71.6       160   10.0    79.6
 27    8.3    49.7        94   15.4    72.8       161    9.9    79.8
 28    8.5    44.0        95   15.9    75.7       162    9.7    77.7
 29    8.7    42.3        96   16.3    77.7       163    9.3    77.1
 30    8.8    42.5        97   16.2    78.1       164    9.2    77.7
 31    8.9    42.5        98   16.3    79.5       165    9.8    75.7
 32    9.2    43.2        99   16.2    81.6       166   10.3    74.4
 33   10.0    44.6       100   15.8    82.4       167   10.5    74.1
 34    9.7    43.4       101   15.3    82.3       168   10.7    75.7
 35    8.9    48.2       102   14.7    82.3       169   11.2    78.7
 36    8.5    54.4       103   14.4    83.1       170   11.7    80.4
 37    8.8    61.8       104   14.2    84.1       171   12.3    79.0
 38    9.0    60.0       105   14.2    85.0       172   12.3    77.0
 39    8.9    54.4       106   14.1    84.0       173   12.3    75.9
 40    9.1    52.6       107   14.0    84.4       174   12.5    76.9
 41    9.4    52.6       108   13.8    84.8       175   12.5    77.5
 42    9.6    54.2       109   13.3    83.7       176   11.7    73.3
 43    9.4    55.6       110   12.3    79.5       177   11.6    72.8
 44    9.5    57.6       111   11.9    76.5       178   11.8    72.6
 45    8.9    57.5       112   12.1    75.4       179   11.8    75.3
 46    8.5    56.7       113   12.4    74.4       180   11.7    76.9
 47    8.2    56.0       114   12.6    72.7       181   12.0    75.5
 48    8.1    54.7       115   12.5    68.1       182   12.0    75.2
 49    8.2    50.8       116   12.7    67.3       183   12.1    74.6
 50    8.6    48.2       117   12.8    67.0       184   12.0    73.0
 51    9.3    47.6       118   12.9    66.8       185   11.7    71.6
 52    9.7    48.5       119   13.0    66.5       186   11.7    71.8
 53   10.1    48.0       120   13.0    66.0       187   11.6    68.6
 54   11.2    45.7       121   13.0    65.0       188   11.8    67.1
 55   12.3    45.7       122   13.0    62.8       189   12.2    66.8
 56   12.9    48.3       123   13.2    61.1       190   12.6    66.5
 57   13.6    49.8       124   13.5    57.4       191   13.1    66.1
 58   14.3    51.8       125   13.4    56.2       192   13.2    66.2
 59   14.7    53.4       126   13.4    56.3       193   13.2    66.5
 60   15.2    55.2       127   13.3    58.1
 61   15.3    55.8       128   13.3    63.0
 62   15.2    54.6       129   13.3    65.3
 63   15.1    52.9       130   13.4    65.1
 64   15.2    51.3       131   13.5    65.2
 65   14.9    50.8       132   13.7    66.8
 66   14.1    55.3       133   13.5    67.6
```

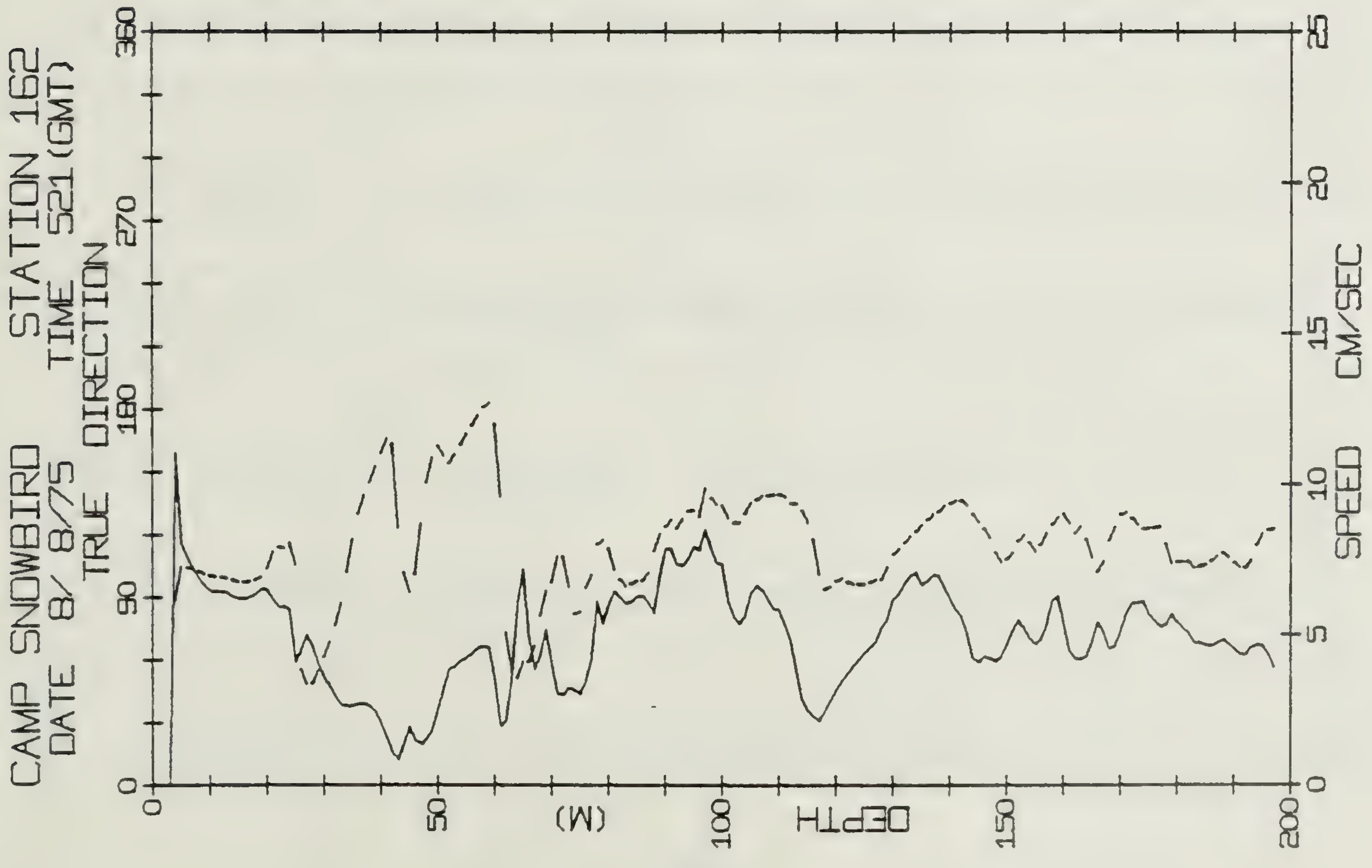

CAMP SNOWBIRD STATION 159
DATE 6/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 155
DATE 5/ 8/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 155     (197M.)        5/AUG/75        543 GMT
LAT= 75.4365N  LONG= 147.3269W  LTER=     1.   LGER=     2.
NIVEL=   0.0   EIVEL=  18.3     NVER=     0.   EVER=     0

 DPT    SPD      DRN     DPT    SPD      DRN     DPT    SPD      DRN
   0    0.0    999.9      67    8.1     79.3     134    6.6     95.4
   1    0.0    999.9      68    7.8     78.2     135    6.9     97.8
   2    0.0    999.9      69    7.1     82.7     136    7.1     96.0
   3    0.0    999.9      70    6.6     88.0     137    7.2     91.7
   4   18.5    104.9      71    6.7     89.9     138    7.2     87.4
   5   18.8    123.8      72    6.9     92.4     139    7.3     83.6
   6   15.5    132.5      73    7.0     94.7     140    7.3     82.2
   7   15.8    133.2      74    6.9     95.4     141    7.0     80.2
   8   16.0    133.3      75    6.7     93.6     142    7.3     83.2
   9   16.0    133.2      76    6.6     89.1     143    7.5     77.6
  10   15.7    133.6      77    6.9     83.0     144    7.4     75.4
  11   15.1    134.7      78    7.3     78.2     145    7.3     73.1
  12   14.5    140.2      79    7.5     80.1     146    7.9     68.2
  13   14.1    143.0      80    7.9     82.7     147    8.0     68.6
  14   13.5    143.3      81    8.3     85.5     148    8.2     65.7
  15   13.6    142.5      82    8.7     91.2     149    8.3     64.8
  16   13.5    142.8      83    9.2     95.0     150    8.4     65.7
  17   12.3    143.2      84    9.5     93.6     151    8.5     66.6
  18   11.2    141.0      85    9.3     98.8     152    8.6     67.1
  19   10.6    141.4      86    8.8    103.9     153    8.4     69.1
  20   10.1    143.6      87    8.6    106.6     154    8.1     73.4
  21    9.8    144.8      88    8.5    103.7     155    7.9     77.6
  22    9.5    146.6      89    8.6    103.7     156    7.9     80.1
  23    9.5    146.8      90    8.5    104.2     157    8.1     79.7
  24    9.3    146.5      91    8.2     96.6     158    8.4     78.5
  25    9.0    147.6      92    8.6     96.0     159    8.4     78.3
  26    9.0    147.6      93    9.1    100.9     160    8.2     79.8
  27    8.3    145.8      94    9.0    104.5     161    7.9     81.7
  28    7.5    139.1      95    8.6    104.7     162    7.5     81.1
  29    7.6    130.0      96    8.6     98.6     163    7.1     80.4
  30    8.1    120.1      97    9.1     91.8     164    6.8     79.8
  31    8.1    112.8      98    8.8     98.2     165    6.7     79.5
  32    7.2    110.1      99    9.1    106.4     166    6.4     80.9
  33    6.8    109.4     100    9.3    112.3     167    6.3     83.6
  34    6.5    108.5     101    9.1    117.5     168    6.3     83.8
  35    6.2    105.8     102    9.2    120.5     169    6.3     84.6
  36    6.4    101.1     103    9.7    118.7     170    6.5     88.3
  37    6.5     99.2     104   10.2    119.5     171    6.7     90.3
  38    6.5     95.3     105   10.0    119.2     172    7.0     89.6
  39    6.6     93.6     106   10.0    119.3     173    7.2     89.8
  40    6.4     98.8     107    9.9    121.0     174    7.5     89.9
  41    5.9     97.7     108    9.9    123.0     175    7.7     89.8
  42    5.8     97.8     109    9.8    124.3     176    7.6     89.4
  43    5.7     99.8     110    9.1    121.5     177    7.3     90.4
  44    5.3    102.2     111    8.2    117.5     178    7.3     92.1
  45    6.2    110.4     112    7.7    110.0     179    7.3     91.5
  46    6.7    108.8     113    8.0    104.4     180    7.1     89.3
  47    7.0    104.8     114    7.5    106.6     181    7.0     88.2
  48    6.8    103.4     115    6.9    111.6     182    6.9     92.2
  49    6.3    102.5     116    6.5    111.5     183    6.9     97.1
  50    6.0    100.5     117    6.4    108.3     184    7.1     98.0
  51    6.5     98.9     118    6.6    107.3     185    7.4     98.8
  52    6.8    102.0     119    7.0    105.5     186    7.5     95.5
  53    6.8    107.0     120    7.6    100.5     187    7.4     94.6
  54    6.4    108.6     121    7.9     96.9     188    7.1     87.0
  55    6.1    110.5     122    7.7     97.5     189    7.2     78.0
  56    5.7    109.1     123    7.5    102.3     190    7.3     70.9
  57    5.3    106.0     124    7.9    110.2     191    7.0     72.7
  58    5.3    103.6     125    8.4    114.9     192    6.9     77.8
  59    5.0     99.6     126    8.2    114.0     193    7.0     81.1
  60    4.9     79.6     127    7.6    111.6     194    7.0     81.6
  61    5.2     71.7     128    7.2    109.7     195    6.9     81.2
  62    5.7     71.0     129    6.8    110.8     196    7.0     81.2
  63    6.1     74.8     130    6.4    107.4     197    6.8     80.8
  64    6.5     81.8     131    6.1     99.0
  65    7.0     86.4     132    6.1     90.8
  66    7.5     81.8     133    6.3     93.2
```

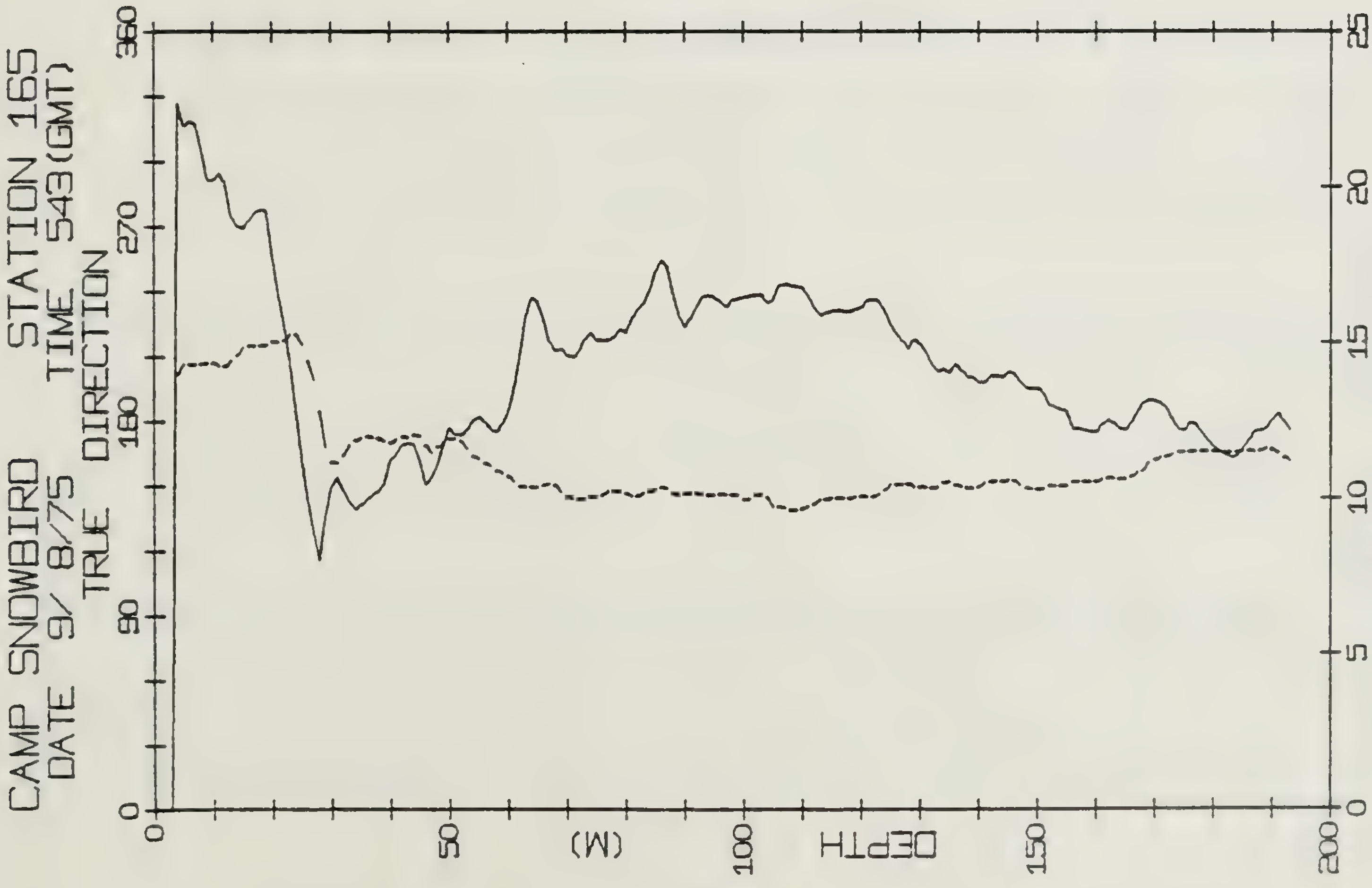
```
SNOWBIRD STATION 159     (197M.)        6/AUG/75       2243 GMT
LAT= 75.3583N  LONG= 147.0397W  LTER=     0.   LGER=     0.
NIVEL=  -3.5   EIVEL=   0.1     NVER=     0.   EVER=     0.

 DPT    SPD      DRN     DPT    SPD      DRN     DPT    SPD      DRN
   0    0.0    999.9      67    2.7    238.3     134    2.6    130.7
   1    0.0    999.9      68    2.8    240.4     135    2.5    130.0
   2    0.0    999.9      69    3.0    246.7     136    2.5    129.1
   3    0.0    999.9      70    3.0    245.6     137    2.5    128.2
   4    6.4    202.1      71    2.9    241.9     138    2.5    127.1
   5    6.2    252.6      72    2.8    239.0     139    2.5    126.0
   6    6.0    256.1      73    2.9    239.6     140    2.4    124.8
   7    5.8    258.1      74    2.8    237.1     141    2.4    123.5
   8    5.6    259.9      75    2.7    236.4     142    2.4    122.0
   9    5.2    265.1      76    2.7    235.8     143    2.4    120.5
  10    4.9    270.9      77    2.6    235.3     144    2.4    118.3
  11    4.7    273.8      78    2.6    235.1     145    2.4    117.1
  12    4.3    274.6      79    2.5    234.6     146    2.4    115.9
  13    4.1    275.7      80    2.4    233.9     147    2.4    115.1
  14    3.9    276.3      81    2.3    233.3     148    2.4    114.5
  15    3.8    276.0      82    2.2    234.1     149    2.3    114.6
  16    3.9    275.3      83    2.1    241.4     150    2.3    114.9
  17    4.1    272.7      84    1.9    250.1     151    2.3    114.7
  18    4.5    266.8      85    1.8    254.4     152    2.3    114.5
  19    5.2    259.3      86    1.6    262.1     153    2.3    114.1
  20    5.6    254.6      87    1.5    283.2     154    2.3    113.7
  21    5.7    253.2      88    1.4    297.9     155    2.3    113.3
  22    5.7    254.7      89    1.2    300.1     156    2.3    111.3
  23    5.4    258.5      90    1.1    303.3     157    2.3    106.5
  24    5.1    263.3      91    1.1    307.7     158    2.3    108.1
  25    4.4    273.7      92    1.2    304.8     159    2.2    110.9
  26    3.6    283.8      93    1.4    299.0     160    2.2    113.3
  27    3.1    286.7      94    1.5    293.6     161    2.2    115.5
  28    3.0    289.1      95    1.7    288.5     162    2.2    116.7
  29    2.9    288.9      96    1.9    284.8     163    2.2    117.6
  30    2.7    286.6      97    2.1    280.1     164    2.2    118.9
  31    2.6    284.2      98    2.4    275.7     165    2.2    118.9
  32    2.3    275.4      99    2.7    275.0     166    2.2    118.4
  33    2.2    267.4     100    3.1    278.4     167    2.2    117.9
  34    2.0    260.2     101    3.4    283.2     168    2.2    117.2
  35    2.0    256.5     102    3.4    287.6     169    2.2    116.5
  36    1.9    254.5     103    3.4    293.6     170    2.1    115.9
  37    1.9    258.5     104    3.2    299.9     171    2.1    115.3
  38    2.1    268.7     105    2.8    306.8     172    2.1    115.2
  39    2.1    275.3     106    2.4    313.0     173    2.1    115.2
  40    2.1    281.5     107    2.1    324.4     174    2.1    115.1
  41    2.1    287.8     108    2.1    340.1     175    2.1    115.1
  42    2.2    291.4     109    2.2    356.7     176    2.1    115.0
  43    2.2    293.9     110    2.4     10.1     177    2.1    114.9
  44    2.3    294.8     111    2.6     15.4     178    2.1    114.9
  45    2.4    295.4     112    2.6     23.0     179    2.1    114.7
  46    2.4    295.3     113    2.9     29.3     180    2.0    114.6
  47    2.5    294.7     114    3.1     37.2     181    1.7    116.5
  48    2.5    293.6     115    3.1     47.6     182    1.7    115.6
  49    2.5    292.1     116    3.0     60.2     183    2.0    114.2
  50    2.6    290.2     117    2.9     74.3     184    2.3    114.4
  51    2.6    288.0     118    2.9     85.5     185    2.7    117.1
  52    2.6    285.5     119    3.1     98.0     186    2.7    116.7
  53    2.6    282.9     120    3.1    103.9     187    2.6    114.6
  54    2.6    280.1     121    3.1    112.4     188    2.3    111.5
  55    2.7    277.1     122    3.1    119.5     189    2.5    115.2
  56    2.7    273.9     123    3.0    123.0     190    2.8    118.7
  57    2.6    269.9     124    2.9    124.4     191    3.1    120.6
  58    2.8    269.4     125    2.8    124.9     192    3.5    124.2
  59    2.8    266.7     126    2.8    126.9     193    4.0    129.1
  60    2.8    263.6     127    2.7    130.8     194    5.0    139.1
  61    2.8    260.4     128    2.7    136.1     195    5.3    143.3
  62    2.8    257.2     129    2.7    135.6     196    5.4    144.5
  63    2.7    249.2     130    2.7    132.9     197    5.2    143.3
  64    2.6    241.9     131    2.6    131.5
  65    2.6    239.4     132    2.6    133.2
  66    2.7    238.6     133    2.6    131.4
```

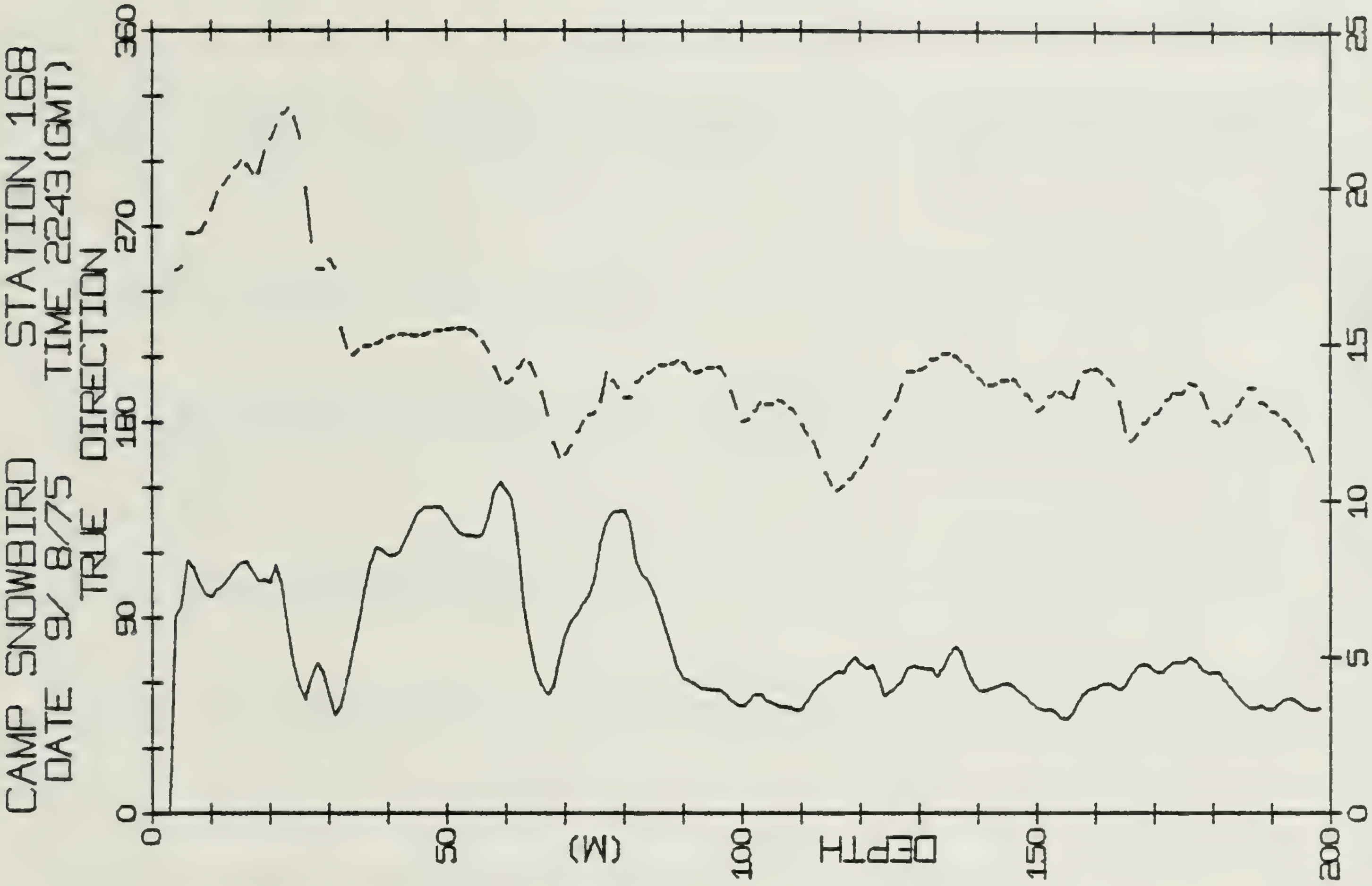

CAMP SNOWBIRD STATION 163
DATE 8/ 8/75 TIME 2247 (GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD STATION 162
DATE 8/ 8/75 TIME 521 (GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 162     (197M.)      8/AUG/75       521 GMT
LAT= 75 3512N  LONG= 146.9035W  LTER=    16.  LGER=    32.
NIVEL=   0.6   EIVEL=    8.4    NVER=     1   EVER=     1

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67    3.9   66.7       134    7.1  121.6
  1    0.0  999.9        68    4.3   81.5       135    6.7  124.6
  2    0.0  999.9        69    5.2   93.0       136    6.8  127.1
  3    0.0  999.9        70    4.0   97.1       137    7.0  129.4
  4   11.1   88.9        71    3.1  109.5       138    7.0  131.2
  5    8.0  104.5        72    3.0  109.4       139    6.6  133.5
  6    7.6  104.2        73    3.2   95.2       140    6.2  135.3
  7    7.2  103.5        74    3.2   82.4       141    5.8  136.6
  8    6.9  102.4        75    3.0   83.3       142    5.6  136.7
  9    6.6  101.1        76    3.5   94.7       143    5.0  134.4
 10    6.5  100.0        77    4.2  100.6       144    4.2  130.0
 11    6.4   99.7        78    6.1  115.6       145    4.1  126.1
 12    6.4   99.6        79    5.4  117.4       146    4.3  123.4
 13    6.4   99.1        80    6.0  113.6       147    4.2  118.8
 14    6.3   98.0        81    6.4  103.7       148    4.1  111.9
 15    6.2   97.3        82    6.3   98.6       149    4.3  107.3
 16    6.2   97.2        83    6.1   95.8       150    4.7  108.6
 17    6.3   97.9        84    6.1   96.7       151    5.1  111.4
 18    6.4   98.8        85    6.3   98.2       152    5.5  117.0
 19    6.5   99.9        86    6.3   98.2       153    5.3  119.6
 20    6.5  103.7        87    6.1  101.8       154    4.9  116.2
 21    6.2  111.6        88    5.7  112.2       155    4.7  112.2
 22    5.9  114.2        89    6.9  120.2       156    4.8  115.3
 23    5.9  113.7        90    7.9  123.9       157    5.3  120.7
 24    5.8  115.8        91    7.9  126.9       158    6.2  125.2
 25    4.1  105.9        92    7.4  123.3       159    6.3  128.0
 26    4.5   55.5        93    7.3  127.4       160    5.4  129.9
 27    5.0   48.4        94    7.5  131.4       161    4.5  125.7
 28    4.6   48.7        95    7.9  131.6       162    4.2  121.0
 29    4.0   55.1        96    7.8  128.8       163    4.2  123.7
 30    3.6   61.5        97    8.5  142.3       164    4.3  118.2
 31    3.3   68.4        98    7.9  137.6       165    4.8  109.7
 32    2.9   76.6        99    7.4  134.9       166    5.4  102.5
 33    2.7   87.0       100    7.3  133.5       167    5.1  107.0
 34    2.6  102.1       101    6.2  128.1       168    4.6  117.2
 35    2.7  117.9       102    5.6  126.1       169    4.6  123.6
 36    2.7  129.8       103    5.4  125.8       170    5.1  129.6
 37    2.7  130.5       104    5.6  130.4       171    5.7  130.7
 38    2.6  145.3       105    6.4  135.2       172    6.0  128.0
 39    2.5  152.3       106    6.6  136.8       173    6.1  125.2
 40    2.1  159.1       107    6.5  138.7       174    6.1  123.1
 41    1.6  165.8       108    6.2  139.0       175    5.7  123.3
 42    1.1  163.6       109    5.9  139.5       176    5.5  123.7
 43    0.8  123.6       110    5.8  139.5       177    5.3  124.0
 44    1.4  101.9       111    5.3  138.3       178    5.3  115.9
 45    2.0   92.9       112    4.8  135.2       179    5.7  106.5
 46    1.5  101.0       113    3.9  134.7       180    5.4  107.3
 47    1.4  125.4       114    2.9  131.5       181    5.2  107.6
 48    1.6  145.0       115    2.5  125.9       182    5.0  107.1
 49    1.9  156.6       116    2.3  117.7       183    4.8  104.2
 50    2.5  162.7       117    2.1  101.3       184    4.7  104.9
 51    3.2  158.2       118    2.4   94.1       185    4.6  105.7
 52    3.9  154.5       119    2.8   95.1       186    4.6  107.6
 53    4.0  158.5       120    3.2   97.9       187    4.7  109.9
 54    4.2  163.3       121    3.5   99.1       188    4.8  111.4
 55    4.3  168.1       122    3.7   97.5       189    4.7  109.4
 56    4.4  172.6       123    4.0   96.4       190    4.5  106.9
 57    4.6  177.0       124    4.2   96.5       191    4.4  104.3
 58    4.6  181.0       125    4.4   96.5       192    4.3  103.9
 59    4.6  183.0       126    4.6   97.4       193    4.6  107.8
 60    3.5  173.0       127    4.8   98.5       194    4.7  115.1
 61    2.0  138.6       128    5.2   98.7       195    4.6  120.4
 62    2.1   73.0       129    5.5  104.3       196    4.4  122.3
 63    3.6   54.6       130    6.2  110.6       197    3.9  122.9
 64    6.0   51.7       131    6.4  113.1
 65    7.2   59.0       132    6.7  116.3
 66    4.9   59.5       133    6.9  119.1
```

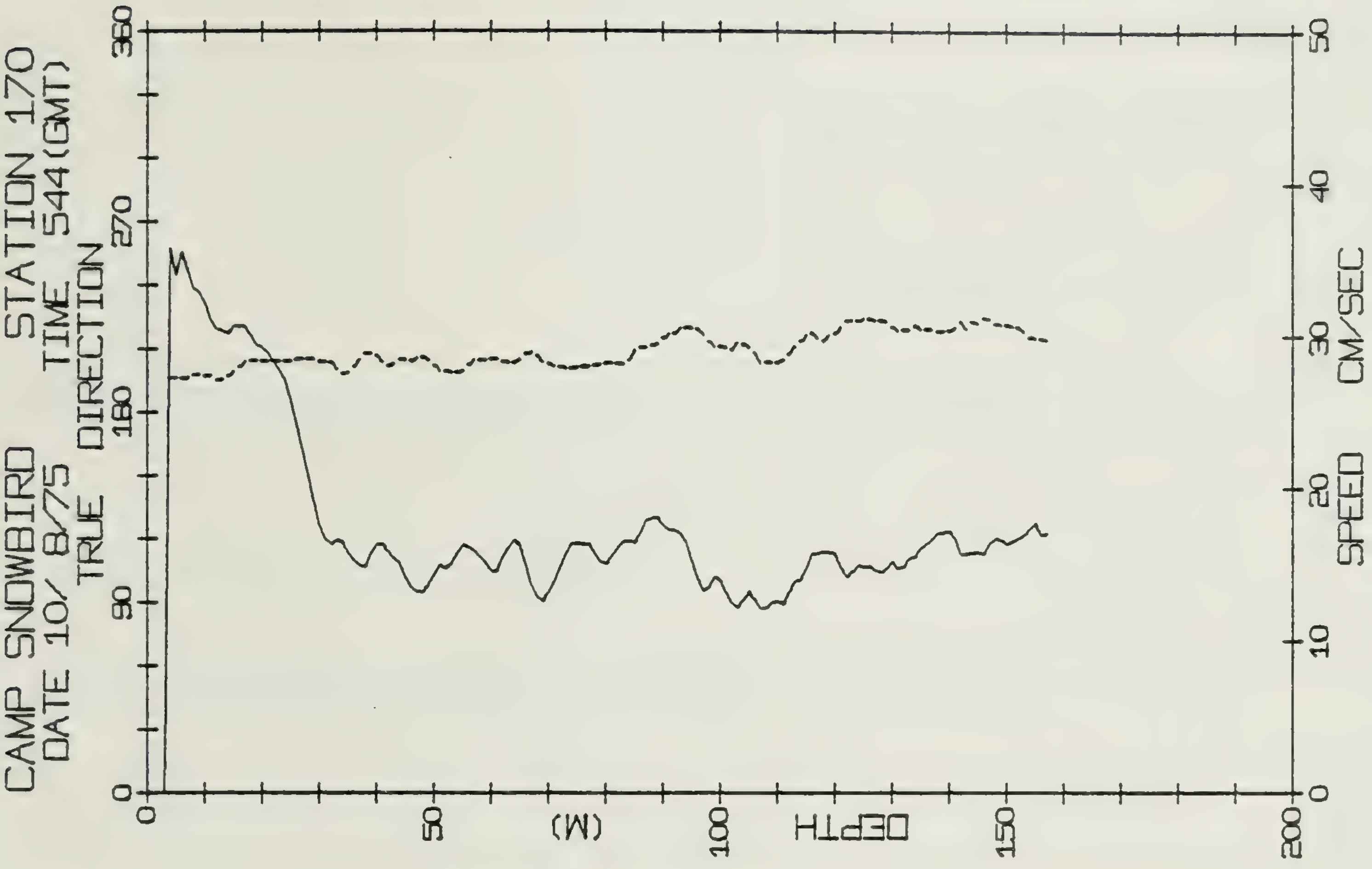
```
SNOWBIRD STATION 163     (169M.)      8/AUG/75      2247 GMT
LAT= 75 3665N  LONG= 146.6057W  LTER=     0.  LGER=     0
NIVEL=   2.4   EIVEL=   33.9    NVER=     0   EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   12.4   75.1       134   11.3   78.3
  1    0.0  999.9        68   13.3   76.6       135   11.4   73.6
  2    0.0  999.9        69   14.1   77.6       136   11.4   72.8
  3    0.0  999.9        70   14.0   78.0       137   11.3   74.0
  4   25.4   96.8        71   13.5   77.6       138   11.4   75.1
  5   20.8  106.7        72   13.0   76.8       139   11.6   75.1
  6   20.4  105.3        73   12.6   76.2       140   12.2   72.9
  7   21.2  102.3        74   12.8   76.2       141   12.7   73.2
  8   20.4  103.3        75   13.6   76.7       142   12.7   72.0
  9   19.2  105.2        76   14.2   77.4       143   13.1   70.8
 10   18.1  106.5        77   14.5   77.8       144   13.8   70.4
 11   17.9  104.9        78   14.4   77.3       145   14.3   71.4
 12   17.8  103.6        79   13.9   76.3       146   14.6   72.0
 13   15.9  106.9        80   13.2   74.8       147   14.6   71.7
 14   15.4  106.5        81   12.7   72.3       148   14.2   71.2
 15   15.2  105.2        82   12.4   69.6       149   14.0   71.6
 16   14.8  104.1        83   12.0   69.1       150   14.0   72.7
 17   14.5  102.7        84   11.8   68.8       151   14.5   73.5
 18   13.9  102.9        85   11.7   67.3       152   14.8   74.1
 19   13.5  103.1        86   11.8   64.8       153   14.6   74.1
 20   12.8  103.2        87   12.0   65.1       154   14.3   73.8
 21   11.8  101.8        88   12.3   63.5       155   14.1   73.5
 22   10.3   95.8        89   12.5   62.9       156   14.0   73.4
 23    8.9   83.7        90   12.7   63.1       157   13.7   75.7
 24    8.8   76.6        91   13.1   62.5       158   13.6   76.8
 25    8.7   70.3        92   13.7   62.4       159   13.7   77.2
 26    8.6   62.9        93   14.0   63.2       160   13.7   76.7
 27    8.8   55.1        94   14.2   64.5       161   13.8   75.5
 28    9.0   48.9        95   14.5   67.0       162   13.7   75.3
 29    9.5   45.3        96   13.9   69.0       163   13.4   78.5
 30   10.0   43.1        97   13.4   70.0       164   13.2   78.6
 31   10.5   42.9        98   13.4   69.5       165   13.2   77.6
 32   11.1   44.1        99   13.4   67.9       166   13.3   77.6
 33   11.3   43.1       100   13.4   66.3       167   13.7   76.7
 34   11.3   42.1       101   13.3   67.0       168   14.0   76.2
 35   11.3   41.6       102   13.4   67.8       169   13.7   75.7
 36   11.2   41.3       103   13.7   68.0
 37   11.0   42.1       104   14.1   68.1
 38   11.0   44.3       105   14.0   68.5
 39   11.5   48.0       106   13.9   69.1
 40   12.0   50.2       107   14.1   68.9
 41   11.9   49.3       108   14.1   69.7
 42   11.6   49.6       109   14.0   71.0
 43   11.2   48.6       110   13.8   71.7
 44   10.9   46.5       111   14.1   72.7
 45   10.9   46.4       112   14.1   73.6
 46   10.8   47.0       113   14.0   74.2
 47   10.3   47.0       114   13.9   75.0
 48   10.4   48.0       115   13.7   74.5
 49   10.6   50.4       116   13.6   74.0
 50   10.7   53.1       117   13.8   73.9
 51   10.6   55.6       118   14.1   72.6
 52   10.7   57.4       119   14.0   70.8
 53   10.7   61.4       120   13.8   69.6
 54   10.2   69.1       121   13.4   68.4
 55   10.6   75.6       122   13.3   68.4
 56   11.2   77.5       123   13.5   69.0
 57   11.8   77.4       124   13.4   70.9
 58   12.2   77.8       125   13.3   72.2
 59   12.5   78.2       126   13.2   71.4
 60   12.4   78.9       127   12.9   72.6
 61   12.2   79.6       128   12.4   75.5
 62   12.2   80.4       129   12.1   77.2
 63   12.5   80.3       130   11.9   78.0
 64   12.7   80.2       131   11.7   78.6
 65   12.7   75.4       132   11.6   77.8
 66   12.3   74.0       133   11.3   80.1
```

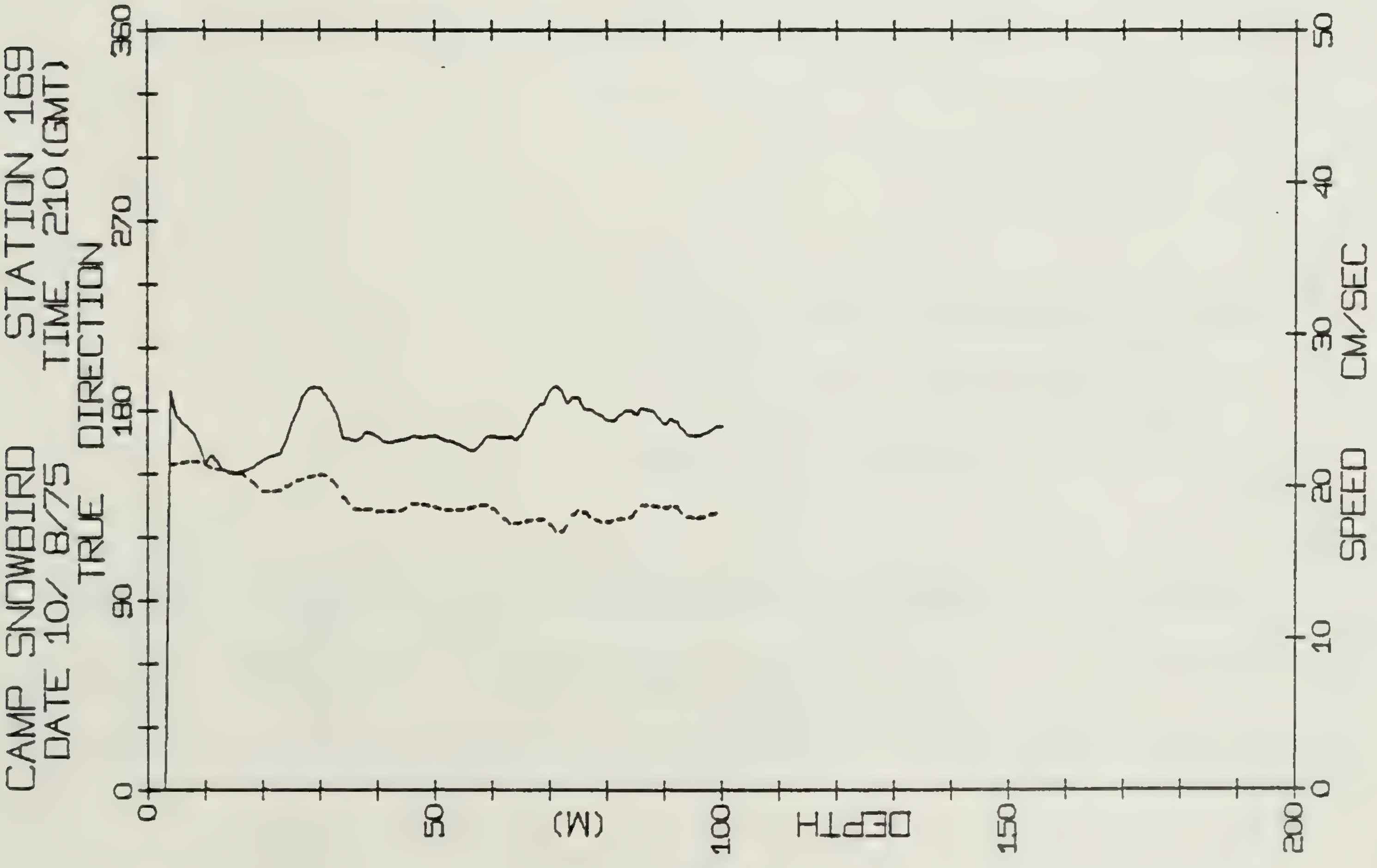

CAMP SNOWBIRD
DATE 9/ 8/75
STATION 165
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
DATE 9/ 8/75
STATION 168
TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 165     (193M.)         9/AUG/75        543 GMT
LAT= 75.3190N  LONG= 146.3860W  LTER=      1   LGER=      2
NIVEL= -24.2   EIVEL=    2.9    NVER=      0.  EVER=      0

DPT     SPD    DRN        DPT     SPD    DRN         DPT     SPD    DRN
  0     0.0   999.9        67    15.1   151.4        134    14.2   151.7
  1     0.0   999.9        68    14.8   150.5        135    14.0   152.4
  2     0.0   999.9        69    14.8   147.9        136    14.3   150.6
  3     0.0   999.9        70    14.6   145.4        137    14.1   149.9
  4    22.7   202.0        71    14.6   144.5        138    13.9   149.2
  5    22.0   206.4        72    14.7   144.0        139    13.9   149.2
  6    22.1   206.5        73    15.1   144.8        140    13.8   149.9
  7    22.0   206.6        74    15.3   145.3        141    13.8   151.6
  8    21.2   206.9        75    15.2   145.4        142    13.9   152.4
  9    20.3   207.3        76    15.1   146.3        143    13.9   152.5
 10    20.3   206.9        77    15.1   147.7        144    13.9   152.3
 11    20.4   205.6        78    15.2   147.7        145    14.1   153.1
 12    20.1   205.4        79    15.5   147.6        146    14.0   152.5
 13    19.1   208.0        80    15.4   146.7        147    13.8   150.5
 14    18.8   210.6        81    15.8   145.4        148    13.6   149.1
 15    18.7   213.7        82    16.1   145.7        149    13.5   148.5
 16    18.9   214.9        83    16.3   146.8        150    13.6   148.5
 17    19.2   214.9        84    16.7   147.9        151    13.4   149.0
 18    19.3   215.1        85    17.3   148.7        152    13.0   150.3
 19    19.2   215.7        86    17.7   149.7        153    12.9   150.0
 20    17.8   216.9        87    17.5   148.9        154    12.9   150.2
 21    16.6   216.5        88    16.6   146.9        155    12.8   150.3
 22    15.6   217.8        89    15.9   145.7        156    12.3   151.8
 23    14.4   220.3        90    15.5   146.6        157    12.2   151.8
 24    12.9   220.5        91    15.8   147.2        158    12.2   151.8
 25    11.3   215.9        92    16.2   146.7        159    12.1   151.8
 26    10.0   207.9        93    16.5   146.0        160    12.2   152.0
 27     8.9   199.5        94    16.5   145.8        161    12.4   153.1
 28     8.0   184.8        95    16.5   146.3        162    12.5   153.8
 29     9.4   168.5        96    16.3   146.6        163    12.4   153.5
 30    10.4   161.2        97    16.2   146.1        164    12.3   153.2
 31    10.7   161.0        98    16.4   146.2        165    12.2   153.4
 32    10.3   164.3        99    16.5   145.7        166    12.4   154.5
 33     9.9   168.6       100    16.5   143.9        167    12.8   156.1
 34     9.7   171.3       101    16.5   144.0        168    13.1   157.4
 35     9.8   172.3       102    16.6   145.7        169    13.2   160.8
 36    10.0   173.3       103    16.5   146.5        170    13.1   162.3
 37    10.1   172.6       104    16.3   145.0        171    13.1   163.3
 38    10.3   172.1       105    16.4   140.7        172    12.9   164.1
 39    10.5   170.9       106    16.9   140.3        173    12.5   164.9
 40    11.3   170.2       107    16.9   139.9        174    12.3   165.8
 41    11.4   171.7       108    16.8   139.0        175    12.2   165.9
 42    11.7   172.8       109    16.8   138.8        176    12.4   166.4
 43    11.8   172.6       110    16.8   139.7        177    12.4   166.5
 44    11.8   173.8       111    16.5   141.0        178    12.1   166.5
 45    11.3   173.2       112    16.2   142.1        179    11.9   166.5
 46    10.5   169.0       113    15.9   143.8        180    11.7   166.4
 47    10.7   166.1       114    16.0   144.2        181    11.5   166.2
 48    11.1   168.2       115    16.1   144.8        182    11.4   165.8
 49    11.7   170.4       116    16.1   144.9        183    11.3   165.6
 50    12.3   172.1       117    16.0   144.5        184    11.4   166.0
 51    12.1   172.2       118    16.0   144.6        185    11.6   166.6
 52    12.1   171.0       119    16.1   145.3        186    11.9   166.7
 53    12.2   167.9       120    16.2   145.6        187    12.2   166.0
 54    12.5   164.1       121    16.4   145.1        188    12.2   166.7
 55    12.7   162.8       122    16.4   145.4        189    12.3   167.6
 56    12.5   161.0       123    16.3   146.5        190    12.5   167.0
 57    12.3   159.2       124    16.1   148.3        191    12.7   165.5
 58    12.2   157.4       125    15.6   150.7        192    12.5   163.5
 59    12.4   156.1       126    15.3   150.7        193    12.2   162.0
 60    12.8   154.8       127    15.1   150.6
 61    13.5   152.5       128    14.8   151.2
 62    14.6   150.0       129    15.1   149.9
 63    15.8   149.6       130    15.0   149.6
 64    16.4   149.6       131    14.7   149.3
 65    16.4   149.8       132    14.3   149.1
 66    15.8   150.8       133    14.1   149.9
```

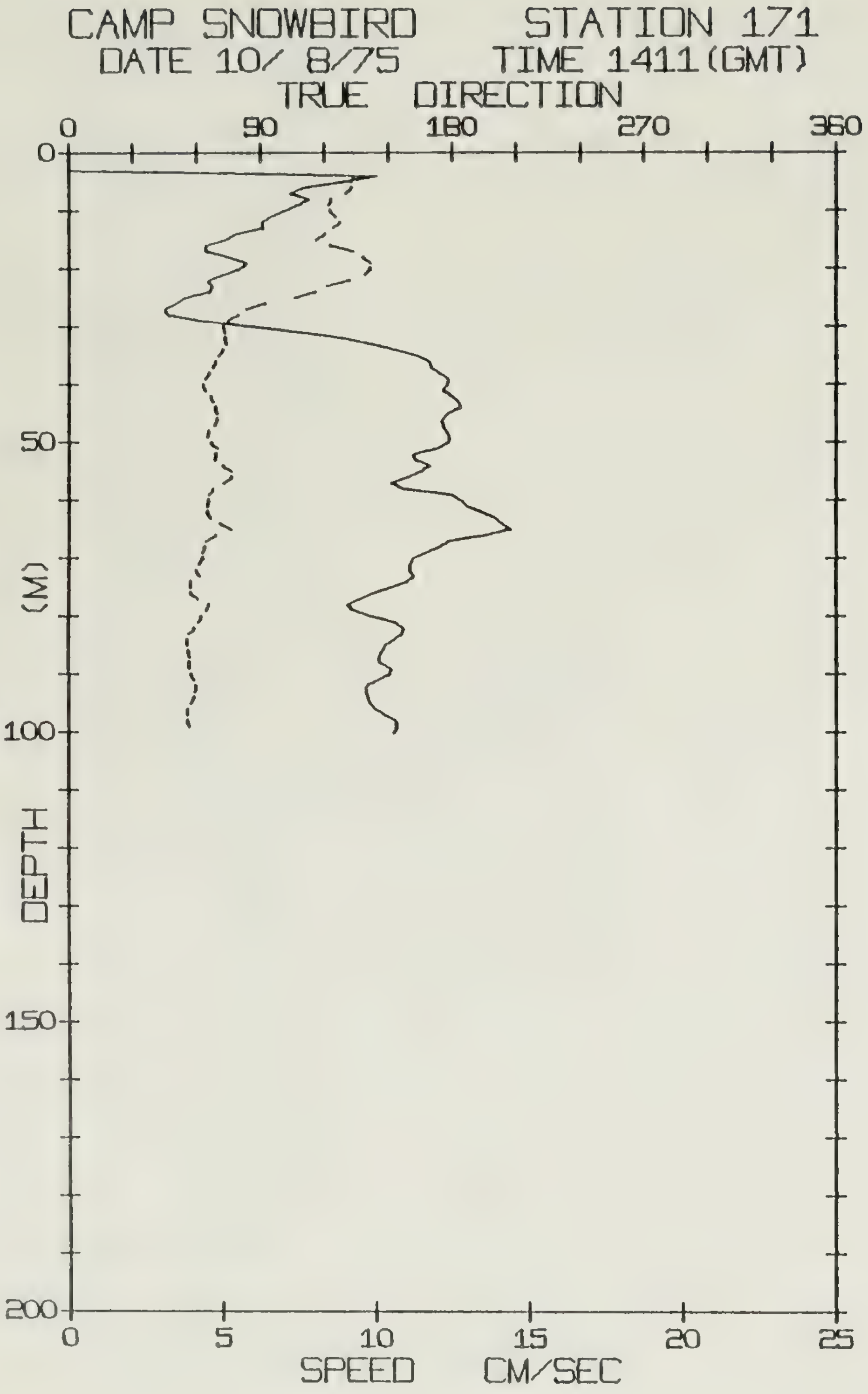
```
SNOWBIRD STATION 168     (198M.)         9/AUG/75       2243 GMT
LAT= 75.2637N  LONG= 146.0471W  LTER=      0   LGER=     0.
NIVEL=  -9.0   EIVEL=    1.4    NVER=      0.  EVER=      0

DPT     SPD    DRN        DPT     SPD    DRN         DPT     SPD    DRN
  0     0.0   999.9        67     3.8   183.3        134     4.6   211.7
  1     0.0   999.9        68     4.0   170.5        135     5.0   212.2
  2     0.0   999.9        69     4.9   164.0        136     5.3   210.7
  3     0.0   999.9        70     5.7   165.3        137     5.2   208.3
  4     6.3   249.9        71     6.1   169.4        138     4.6   206.6
  5     6.6   251.7        72     6.4   175.2        139     4.2   203.7
  6     8.1   266.9        73     6.7   180.1        140     4.0   200.5
  7     7.9   266.7        74     7.0   183.4        141     3.9   197.8
  8     7.4   267.7        75     7.5   184.7        142     4.0   197.0
  9     7.0   271.5        76     8.6   189.4        143     4.1   198.1
 10     6.9   277.6        77     9.3   202.7        144     4.1   199.3
 11     7.2   285.3        78     9.6   199.2        145     4.1   199.5
 12     7.3   289.4        79     9.7   195.8        146     4.0   200.1
 13     7.5   293.2        80     9.7   191.6        147     3.9   196.7
 14     7.8   297.3        81     9.3   191.5        148     3.7   193.5
 15     8.0   299.8        82     8.0   198.1        149     3.5   190.3
 16     8.1   298.2        83     7.6   200.6        150     3.4   185.6
 17     7.7   294.5        84     7.4   202.6        151     3.3   187.4
 18     7.4   295.1        85     7.0   204.7        152     3.3   192.0
 19     7.4   304.4        86     6.5   206.4        153     3.3   194.3
 20     7.4   310.0        87     5.9   206.2        154     3.1   194.1
 21     7.9   316.3        88     5.3   207.3        155     3.0   192.0
 22     7.3   322.0        89     4.6   208.7        156     3.2   191.4
 23     5.9   324.1        90     4.3   207.3        157     3.6   199.3
 24     4.8   320.2        91     4.2   203.7        158     3.8   203.9
 25     4.1   310.6        92     4.1   202.8        159     4.0   205.0
 26     3.6   287.5        93     4.0   203.9        160     4.0   205.3
 27     4.3   262.9        94     4.0   205.2        161     4.1   202.6
 28     4.8   250.5        95     3.9   205.2        162     4.2   200.3
 29     4.6   250.0        96     3.9   205.6        163     4.1   197.2
 30     3.8   254.4        97     3.8   201.6        164     3.9   189.8
 31     3.2   250.6        98     3.6   194.4        165     4.1   176.3
 32     3.4   222.9        99     3.5   186.3        166     4.4   171.9
 33     4.2   214.1       100     3.4   180.6        167     4.7   174.5
 34     5.1   211.1       101     3.6   181.5        168     4.8   179.7
 35     6.0   213.3       102     3.8   185.2        169     4.7   181.9
 36     7.1   215.0       103     3.8   189.1        170     4.6   184.0
 37     8.0   215.7       104     3.6   188.2        171     4.5   186.6
 38     8.5   216.5       105     3.5   188.7        172     4.7   190.7
 39     8.4   217.9       106     3.4   190.1        173     4.8   193.4
 40     8.2   218.9       107     3.4   189.0        174     4.8   193.4
 41     8.3   219.7       108     3.4   186.8        175     4.9   194.8
 42     8.4   220.5       109     3.3   184.2        176     5.0   197.9
 43     8.8   220.1       110     3.3   179.3        177     4.9   197.1
 44     9.2   219.7       111     3.6   174.4        178     4.6   193.8
 45     9.6   219.5       112     3.9   171.2        179     4.5   187.0
 46     9.8   220.3       113     4.1   164.0        180     4.5   181.2
 47     9.8   221.4       114     4.3   156.8        181     4.5   179.2
 48     9.8   222.1       115     4.4   151.7        182     4.2   180.5
 49     9.8   222.4       116     4.5   148.9        183     4.0   183.8
 50     9.5   222.8       117     4.5   150.9        184     3.8   187.8
 51     9.2   223.2       118     4.8   153.9        185     3.6   191.8
 52     9.0   223.2       119     5.0   156.7        186     3.4   196.0
 53     8.9   222.7       120     4.8   159.2        187     3.4   195.9
 54     8.9   222.1       121     4.6   163.9        188     3.5   189.6
 55     8.8   219.9       122     4.8   169.5        189     3.3   188.0
 56     8.9   216.9       123     4.4   174.4        190     3.3   185.6
 57     9.4   212.5       124     3.8   181.8        191     3.5   184.0
 58    10.3   205.4       125     3.9   185.8        192     3.7   181.9
 59    10.6   199.4       126     4.1   190.0        193     3.7   179.3
 60    10.4   198.1       127     4.2   197.5        194     3.6   176.5
 61    10.0   199.8       128     4.6   203.4        195     3.4   172.2
 62     8.7   205.1       129     4.7   203.9        196     3.3   169.1
 63     6.6   208.7       130     4.7   204.8        197     3.3   162.5
 64     5.5   207.2       131     4.6   205.9        198     3.4   158.1
 65     4.6   201.0       132     4.6   209.1
 66     4.1   193.6       133     4.4   209.9
```

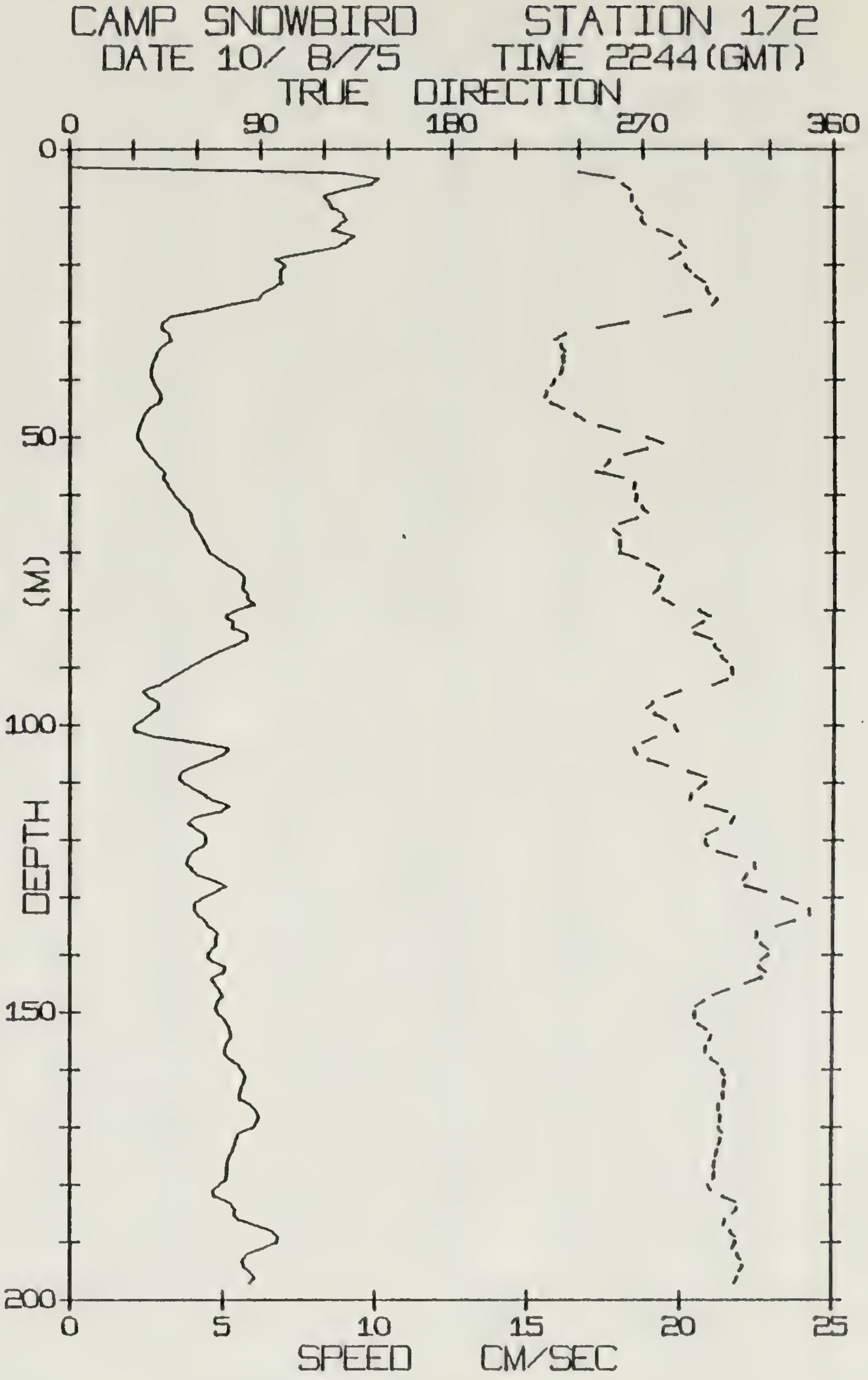

CAMP SNOWBIRD
STATION 170
DATE 10/ 8/75
TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD
STATION 169
DATE 10/ 8/75
TIME 210(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50

```
SNOWBIRD STATION 169      (100M )      10/AUG/75        210 GMT
LAT= 75.2404N  LONG= 145.9964W  LTER=      0   LGER=      0.
NIVEL= -32.2   EIVEL=  18.3     NVER=      0   EVER=      0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   24.9   128.7
  1    0.0   999.9        68   25.3   128.6
  2    0.0   999.9        69   25.5   128.8
  3    0.0   999.9        70   26.3   126.6
  4   26.3   154.7        71   26.7   123.0
  5   24.7   155.1        72   26.4   122.4
  6   24.2   155.7        73   25.5   125.6
  7   23.9   156.1        74   25.8   130.8
  8   23.5   156.1        75   25.8   132.9
  9   22.7   155.7        76   25.2   132.1
 10   21.5   154.6        77   25.1   129.9
 11   22.0   153.1        78   24.8   128.5
 12   21.7   152.1        79   24.6   127.1
 13   21.1   151.8        80   24.3   127.0
 14   20.9   150.7        81   24.3   128.3
 15   20.8   150.5        82   24.6   128.8
 16   21.0   150.4        83   24.9   129.1
 17   21.1   148.8        84   25.0   129.6
 18   21.3   146.4        85   24.7   132.5
 19   21.5   143.9        86   25.1   135.1
 20   21.8   141.9        87   25.0   135.7
 21   22.0   141.6        88   25.0   135.0
 22   22.1   142.0        89   24.5   134.4
 23   22.2   142.9        90   24.1   134.0
 24   22.9   144.2        91   24.4   135.0
 25   24.1   145.5        92   24.3   134.3
 26   24.9   146.8        93   23.8   131.6
 27   26.0   147.8        94   23.4   129.8
 28   26.4   148.6        95   23.3   129.4
 29   26.6   149.3        96   23.4   129.4
 30   26.5   149.7        97   23.5   130.1
 31   26.0   149.2        98   23.7   131.1
 32   25.5   147.2        99   24.0   131.9
 33   24.7   144.0       100   24.0   131.9
 34   23.2   139.1
 35   23.1   136.2
 36   23.0   133.6
 37   23.2   133.3
 38   23.6   133.3
 39   23.5   133.6
 40   23.3   132.6
 41   23.0   132.5
 42   22.9   132.5
 43   23.0   132.5
 44   23.1   133.0
 45   23.2   134.3
 46   23.4   135.8
 47   23.2   135.8
 48   23.2   135.5
 49   23.3   135.0
 50   23.3   134.4
 51   23.2   133.4
 52   23.0   132.9
 53   22.9   133.0
 54   22.8   133.1
 55   22.6   133.4
 56   22.4   134.2
 57   22.4   135.0
 58   22.8   135.4
 59   23.3   135.5
 60   23.3   134.0
 61   23.2   131.7
 62   23.2   129.2
 63   23.3   127.0
 64   23.1   126.9
 65   23.4   127.1
 66   24.0   128.0
```

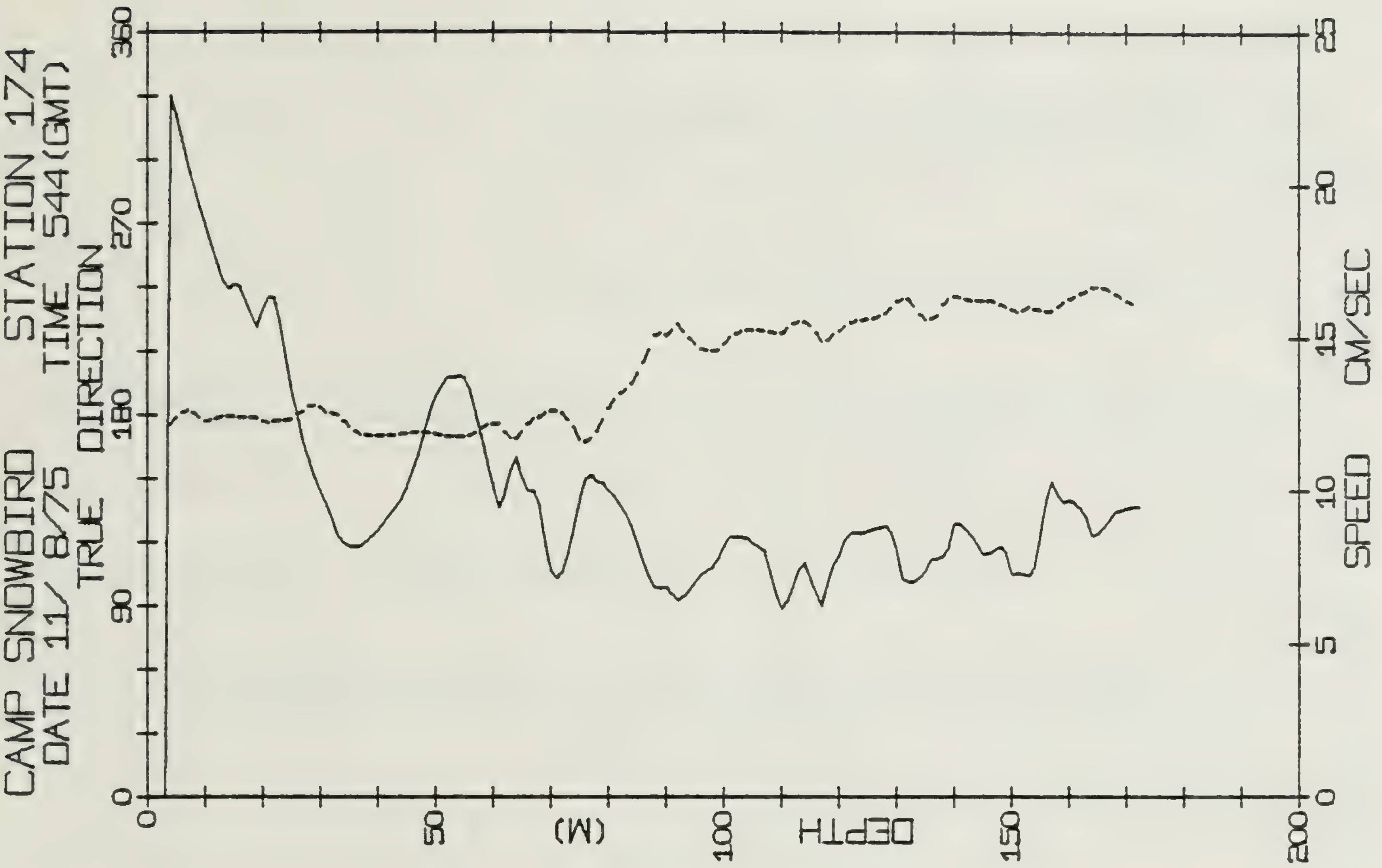
```
SNOWBIRD STATION 170      (157M.)      10/AUG/75        544 GMT
LAT= 75.1968N  LONG= 145.9359W  LTER=      0   LGER=      1.
NIVEL= -37.6   EIVEL=   2.2     NVER=      0.  EVER=      0

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   13.7   208.8       134   15.6   221.2
  1    0.0   999.9        68   12.9   207.1       135   16.1   219.6
  2    0.0   999.9        69   12.6   203.6       136   16.4   219.6
  3    0.0   999.9        70   13.2   202.7       137   16.7   219.2
  4   35.7   196.2        71   13.9   201.6       138   17.1   218.3
  5   34.0   196.2        72   14.8   201.2       139   17.2   218.3
  6   35.5   195.7        73   15.7   200.8       140   17.2   219.0
  7   34.4   196.4        74   16.4   200.9       141   16.7   220.3
  8   33.1   197.7        75   16.4   201.5       142   15.7   222.7
  9   32.8   198.1        76   16.3   201.9       143   15.7   219.9
 10   32.2   196.8        77   16.3   201.9       144   15.8   223.0
 11   31.1   197.4        78   15.8   202.5       145   15.8   222.2
 12   30.5   195.2        79   15.2   203.0       146   15.7   224.5
 13   30.3   195.5        80   15.0   203.3       147   16.4   224.1
 14   30.1   197.1        81   15.5   203.1       148   16.7   222.1
 15   30.6   199.0        82   16.1   202.8       149   16.6   221.4
 16   30.6   201.3        83   16.5   202.7       150   16.4   221.7
 17   30.6   203.6        84   16.6   204.5       151   16.5   220.7
 18   30.0   204.6        85   16.4   209.2       152   16.8   220.2
 19   29.4   204.3        86   17.1   210.8       153   17.0   218.4
 20   29.2   204.2        87   17.9   211.1       154   17.4   216.0
 21   28.9   204.1        88   18.1   211.9       155   17.7   215.1
 22   28.3   204.4        89   18.1   212.9       156   17.0   214.7
 23   27.7   204.4        90   17.6   215.4       157   17.1   214.4
 24   27.1   204.1        91   17.3   217.1
 25   25.8   204.2        92   17.3   217.8
 26   24.2   205.4        93   17.0   219.9
 27   22.7   205.7        94   16.5   220.5
 28   21.0   205.8        95   15.4   219.8
 29   19.2   205.3        96   14.2   219.3
 30   17.6   203.8        97   13.3   216.9
 31   16.7   204.0        98   13.5   213.7
 32   16.4   203.5        99   14.2   211.2
 33   16.5   200.5       100   14.0   211.1
 34   16.5   198.4       101   13.2   210.6
 35   15.8   198.8       102   12.5   209.6
 36   15.3   201.3       103   12.1   213.2
 37   14.9   204.7       104   12.7   212.5
 38   14.8   208.2       105   13.2   210.8
 39   15.7   208.2       106   12.7   208.4
 40   16.3   206.7       107   12.2   203.3
 41   16.3   203.7       108   12.2   203.8
 42   15.8   202.1       109   12.5   203.4
 43   15.4   203.0       110   12.6   203.7
 44   15.1   205.2       111   12.4   205.5
 45   14.2   205.1       112   13.2   208.0
 46   13.5   204.2       113   13.9   211.4
 47   13.2   205.8       114   14.1   213.9
 48   13.2   206.4       115   14.7   216.3
 49   13.7   204.7       116   15.7   217.6
 50   14.4   202.3       117   15.8   215.2
 51   14.9   199.7       118   15.9   214.2
 52   14.8   199.1       119   15.8   216.7
 53   15.1   198.8       120   15.7   217.6
 54   15.7   198.7       121   14.9   220.1
 55   16.2   199.9       122   14.2   223.3
 56   16.1   202.4       123   14.5   223.8
 57   15.9   204.7       124   14.9   223.4
 58   15.5   205.0       125   14.9   224.6
 59   15.1   205.0       126   14.9   224.4
 60   14.6   205.5       127   14.7   223.4
 61   14.6   205.2       128   14.5   223.6
 62   15.5   203.8       129   14.7   222.9
 63   16.1   203.5       130   15.2   220.7
 64   16.6   203.6       131   14.8   218.9
 65   16.2   205.3       132   14.9   219.5
 66   15.0   207.6       133   15.4   219.6
```

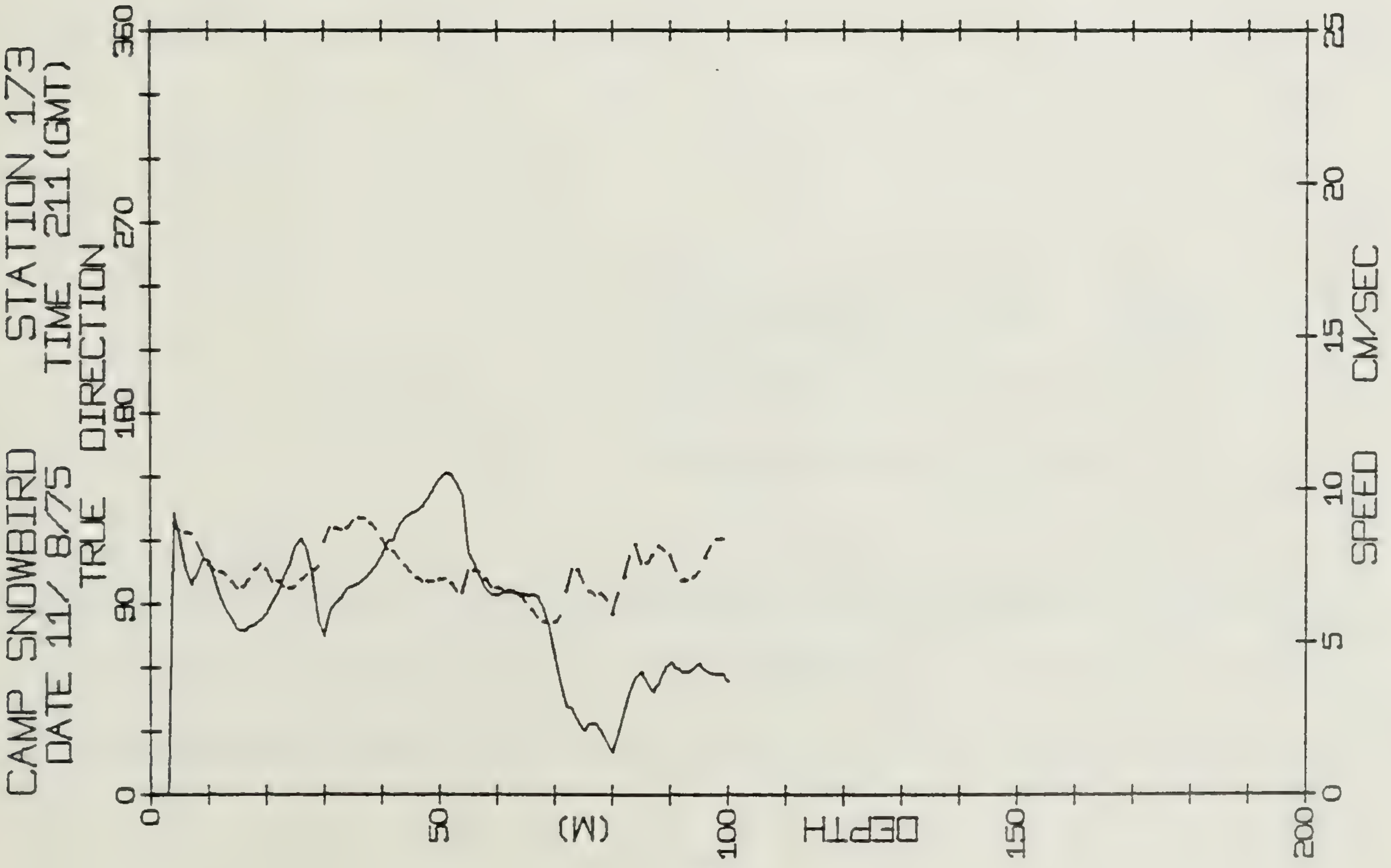

CAMP SNOWBIRD STATION 171
DATE 10/ 8/75 TIME 1411(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 172
DATE 10/ 8/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 171      (100M.)       10/AUG/75      1411 GMT
LAT= 75.1565N  LONG= 145.9140W  LTER=      0.   LCER=       1.
NIVEL=   -8.1    EIVEL =  14.9     NVER=      0.   EVER=       0.

DPT     SPD      DRN       DPT     SPD      DRN       DPT     SPD      DRN
   0     0.0    999.9        67    12.4     64.9
   1     0.0    999.9        68    12.1     63.7
   2     0.0    999.9        69    11.6     62.8
   3     0.0    999.9        70    11.2     62.5
   4    10.0    133.6        71    11.1     61.0
   5     9.0    132.5        72    11.1     59.9
   6     7.7    132.7        73    11.3     61.4
   7     7.2    129.9        74    11.0     57.2
   8     7.8    123.1        75    10.5     57.0
   9     7.5    121.7        76     9.9     57.5
  10     7.0    122.7        77     9.5     60.6
  11     6.6    125.0        78     9.1     65.6
  12     6.3    126.9        79     9.3     64.4
  13     6.3    123.9        80     9.9     62.2
  14     5.5    120.2        81    10.6     60.7
  15     5.1    116.4        82    10.9     58.9
  16     4.5    122.7        83    10.8     56.7
  17     4.5    133.5        84    10.6     55.6
  18     5.2    138.1        85    10.3     55.7
  19     5.8    141.7        86    10.2     56.3
  20     5.6    141.4        87    10.1     56.9
  21     5.1    139.0        88    10.2     56.3
  22     4.5    131.8        89    10.5     56.4
  23     4.7    121.3        90    10.5     57.6
  24     4.6    115.9        91    10.1     59.1
  25     3.8    106.4        92     9.7     59.9
  26     3.5     92.2        93     9.7     59.1
  27     3.1     83.5        94     9.8     58.5
  28     3.2     79.6        95     9.9     57.5
  29     4.3     74.4        96    10.0     55.7
  30     6.0     72.7        97    10.3     55.8
  31     7.6     73.4        98    10.7     56.1
  32     9.0     73.7        99    10.7     57.0
  33     9.9     74.0       100    10.6     58.4
  34    10.6     72.2
  35    11.4     70.5
  36    11.8     68.9
  37    11.8     67.4
  38    12.1     65.9
  39    12.4     64.1
  40    12.3     63.1
  41    12.2     64.2
  42    12.5     66.5
  43    12.7     67.8
  44    12.8     68.9
  45    12.4     69.7
  46    12.2     69.6
  47    12.2     68.4
  48    12.3     66.0
  49    12.4     65.0
  50    12.4     66.8
  51    12.0     69.6
  52    11.3     68.9
  53    11.3     68.7
  54    11.8     72.3
  55    11.5     76.1
  56    11.1     76.8
  57    10.5     72.9
  58    10.9     67.8
  59    12.5     66.0
  60    12.8     65.3
  61    13.0     65.1
  62    13.5     65.3
  63    13.9     66.6
  64    14.1     71.1
  65    14.4     76.1
  66    13.6     69.1
```

```
SNOWBIRD STATION 172      (197M.)       10/AUG/75      2244 GMT
LAT= 75.1055N  LONG= 145.8544W  LTER=      2.   LCER=       4.
NIVEL=   -6.0    EIVEL=   -2.6     NVER=      0.   EVER=       0

DPT     SPD      DRN       DPT     SPD      DRN       DPT     SPD      DRN
   0     0.0    999.9        67     4.3    259.0       134     4.4    342.3
   1     0.0    999.9        68     4.4    259.5       135     4.6    333.7
   2     0.0    999.9        69     4.5    259.2       136     4.8    324.5
   3     0.0    999.9        70     4.6    259.3       137     4.8    324.0
   4     8.8    240.2        71     4.9    267.3       138     4.8    326.4
   5    10.1    256.3        72     5.1    272.1       139     4.6    329.6
   6     9.9    260.4        73     5.5    277.5       140     4.5    329.8
   7     9.0    264.0        74     5.7    279.0       141     4.6    326.2
   8     8.3    264.9        75     5.7    277.9       142     5.1    325.3
   9     8.5    264.3        76     5.7    277.4       143     5.0    328.8
  10     8.6    267.0        77     5.8    275.3       144     4.6    327.0
  11     8.9    269.4        78     5.8    279.4       145     4.7    318.8
  12     9.0    269.3        79     6.0    284.1       146     4.9    311.5
  13     8.8    271.1        80     5.4    296.8       147     5.0    304.0
  14     8.6    277.0        81     5.1    301.6       148     4.8    299.7
  15     9.3    283.5        82     5.3    298.9       149     4.8    295.8
  16     9.1    287.7        83     5.3    293.9       150     4.8    295.2
  17     8.7    289.8        84     5.8    294.7       151     5.0    295.4
  18     7.7    287.6        85     5.8    302.3       152     5.2    297.0
  19     6.7    283.1        86     5.4    303.9       153     5.3    300.8
  20     7.0    289.7        87     4.9    306.1       154     5.3    303.1
  21     6.9    292.0        88     4.5    307.4       155     5.2    301.8
  22     6.9    295.0        89     4.2    309.9       156     5.1    300.3
  23     6.9    298.9        90     3.9    312.1       157     5.1    300.5
  24     6.6    300.1        91     3.5    312.5       158     5.2    303.0
  25     6.3    301.4        92     3.3    310.1       159     5.5    306.4
  26     6.2    304.9        93     2.9    303.3       160     5.7    308.3
  27     5.2    302.8        94     2.4    287.7       161     5.8    309.6
  28     4.4    292.5        95     2.6    280.8       162     5.7    309.5
  29     3.3    280.2        96     2.9    274.8       163     5.6    308.9
  30     3.0    263.1        97     2.9    272.2       164     5.6    308.8
  31     3.0    248.6        98     2.6    275.9       165     5.6    309.0
  32     3.3    233.4        99     2.4    281.1       166     5.9    307.0
  33     3.3    228.7       100     2.1    285.4       167     6.1    306.6
  34     3.0    231.6       101     2.1    286.7       168     6.2    307.6
  35     2.9    233.0       102     2.8    276.4       169     6.1    307.4
  36     2.8    232.5       103     4.2    270.4       170     6.0    306.7
  37     2.7    232.6       104     5.2    266.4       171     5.5    308.5
  38     2.6    232.0       105     5.0    267.8       172     5.4    307.5
  39     2.6    230.8       106     4.6    272.7       173     5.4    306.8
  40     2.7    228.7       107     4.1    281.9       174     5.3    306.0
  41     2.8    226.8       108     3.7    291.7       175     5.2    305.1
  42     2.9    224.8       109     3.6    300.0       176     5.2    304.4
  43     3.0    223.9       110     3.7    299.9       177     5.1    304.5
  44     2.9    226.6       111     4.1    296.5       178     5.1    304.6
  45     2.6    232.5       112     4.4    293.4       179     5.1    304.3
  46     2.4    238.0       113     4.7    292.2       180     4.9    302.0
  47     2.3    242.5       114     5.2    300.2       181     4.7    303.3
  48     2.3    249.3       115     5.0    309.8       182     4.7    308.6
  49     2.2    258.7       116     4.1    313.2       183     5.2    314.7
  50     2.2    272.0       117     3.9    311.6       184     5.4    315.5
  51     2.3    279.3       118     4.1    305.8       185     5.4    313.6
  52     2.4    272.1       119     4.4    300.6       186     5.5    309.8
  53     2.6    261.4       120     4.5    300.0       187     6.1    308.9
  54     2.8    254.2       121     4.4    301.0       188     6.6    312.4
  55     2.9    252.1       122     4.0    305.6       189     6.8    314.5
  56     3.1    247.9       123     3.9    314.6       190     6.8    314.6
  57     3.1    260.3       124     3.8    323.3       191     6.3    313.3
  58     3.2    266.2       125     4.0    323.9       192     5.8    315.8
  59     3.3    265.7       126     4.1    319.6       193     5.7    317.2
  60     3.5    267.0       127     4.7    317.5       194     5.7    318.1
  61     3.6    266.6       128     5.1    319.0       195     5.9    316.5
  62     3.8    269.5       129     4.8    328.6       196     6.1    315.5
  63     3.9    272.1       130     4.4    336.4       197     5.9    314.1
  64     4.0    267.5       131     4.1    343.3
  65     4.1    259.0       132     4.1    349.3
  66     4.2    256.3       133     4.2    349.8
```

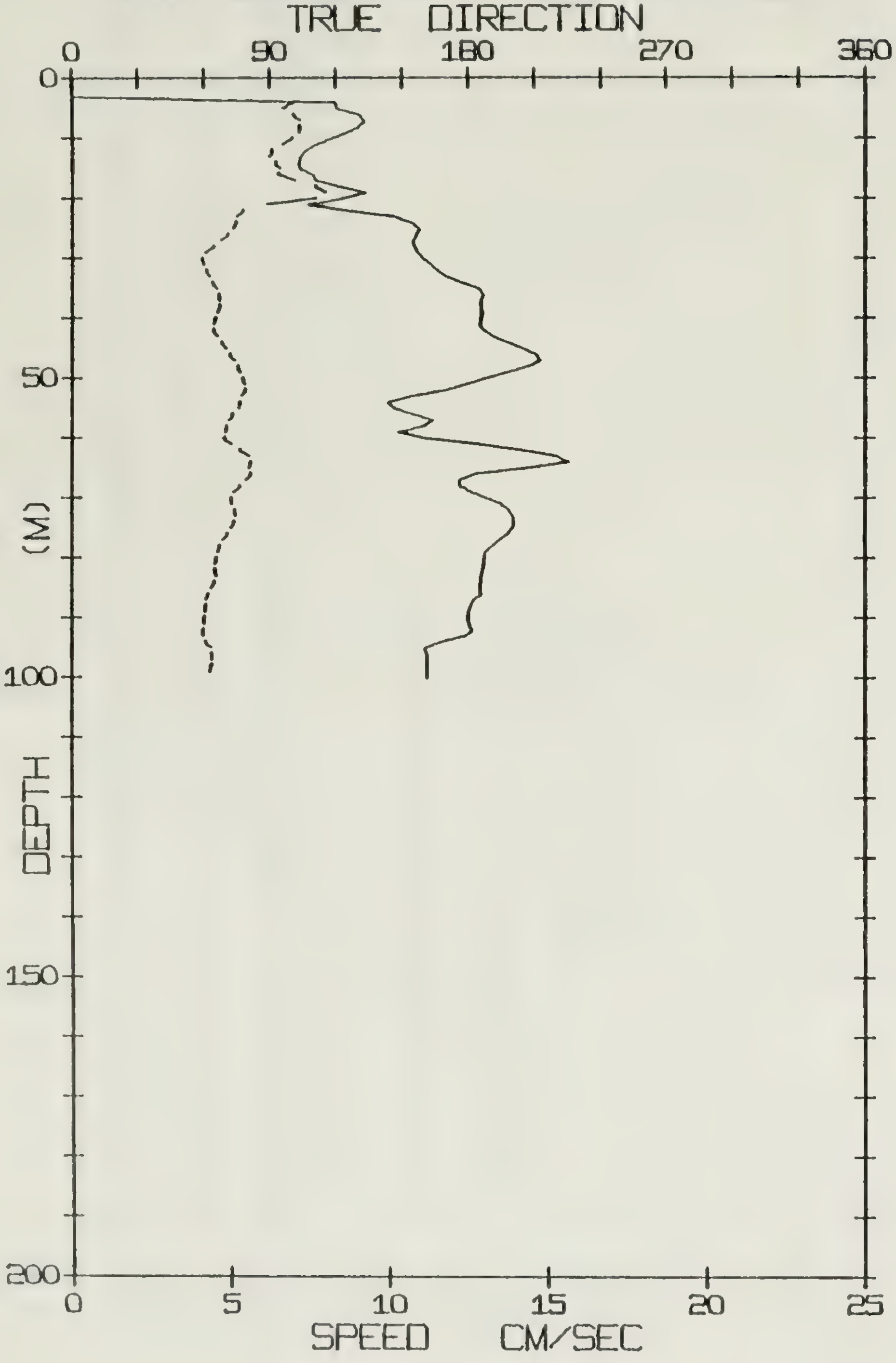

CAMP SNOWBIRD STATION 174
DATE 11/ 8/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 173
DATE 11/ 8/75 TIME 211(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

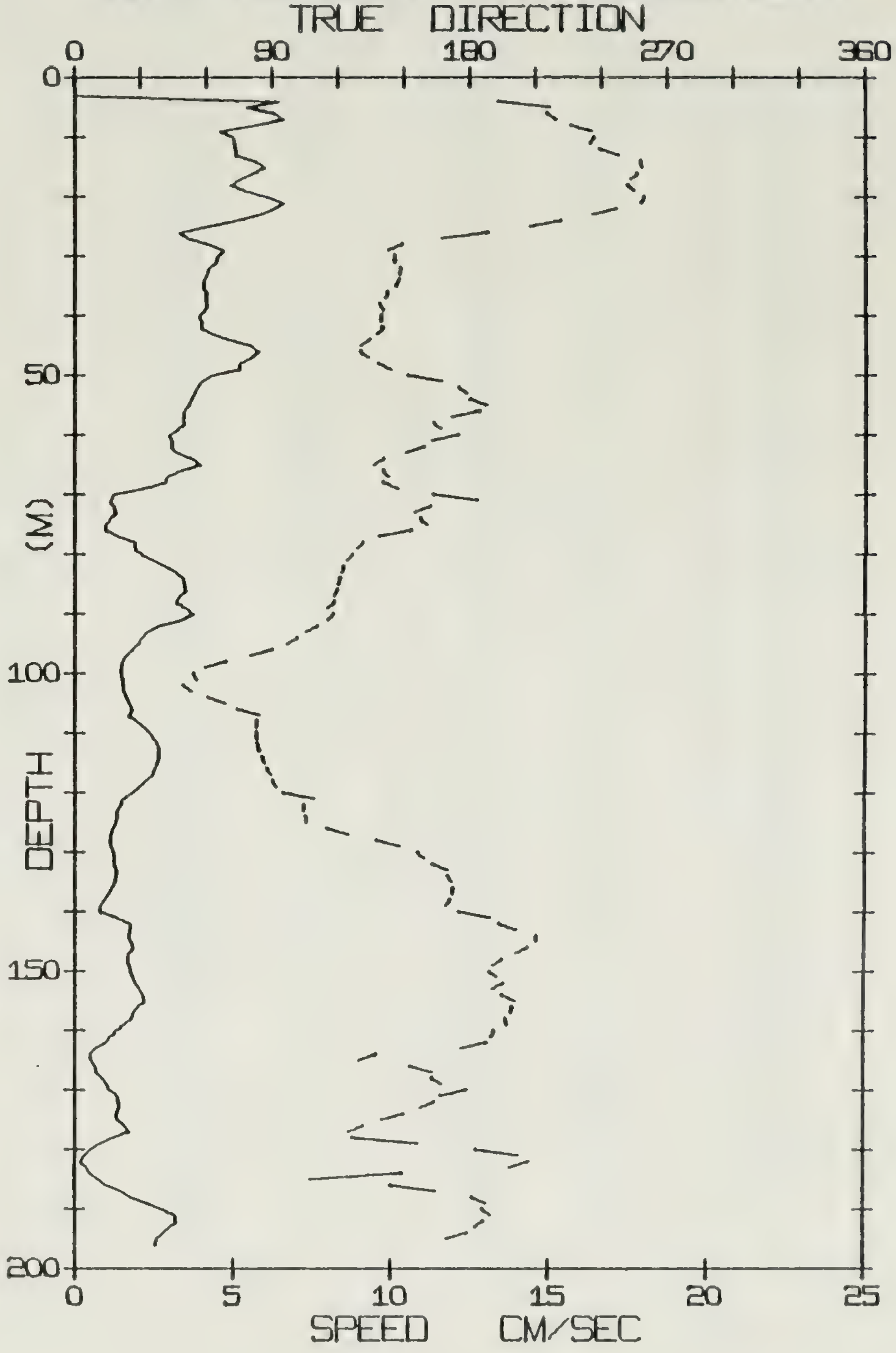
```
SNOWBIRD STATION 173    (100M.)      11/AUG/75        211 GMT
LAT= 75.1006N  LONG= 145.8338W  LTER=     0   LGER=      0.
NIVEL=  -7.0   EIVEL=  12.9     NVER=     0   EVER=      0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   6.5   83.9
  1   0.0  999.9       68   6.1   81.8
  2   0.0  999.9       69   5.5   80.5
  3   0.0  999.9       70   4.5   81.7
  4   9.2  128.4       71   3.7   84.5
  5   8.4  124.5       72   2.9   96.2
  6   7.4  123.7       73   2.8  106.3
  7   6.9  123.0       74   2.4  106.6
  8   7.3  119.0       75   2.1  100.6
  9   7.7  113.3       76   2.3   96.4
 10   7.7  108.6       77   2.3   94.3
 11   7.1  106.4       78   2.1   95.0
 12   6.5  105.6       79   1.7   92.3
 13   6.0  104.0       80   1.4   85.5
 14   5.7  100.8       81   2.0   95.0
 15   5.4   97.5       82   2.7  102.6
 16   5.4   98.2       83   3.4  112.5
 17   5.5  101.9       84   3.8  118.1
 18   5.6  106.3       85   4.0  109.5
 19   5.7  108.8       86   3.7  109.3
 20   5.9  106.6       87   3.4  113.1
 21   6.3  101.1       88   3.6  117.3
 22   6.6  100.8       89   4.1  115.5
 23   7.2   98.8       90   4.3  113.4
 24   7.5   97.4       91   4.2  106.3
 25   8.2   98.6       92   4.0  101.4
 26   8.4  101.5       93   4.0  101.4
 27   8.0  104.0       94   4.1  102.8
 28   7.1  106.0       95   4.3  105.6
 29   5.7  107.9       96   4.1  112.0
 30   5.2  119.4       97   4.0  117.4
 31   6.0  126.5       98   3.9  120.6
 32   6.3  126.3       99   3.9  121.1
 33   6.5  125.0      100   3.7  121.3
 34   6.8  126.3
 35   6.9  129.5
 36   6.9  130.8
 37   7.1  130.6
 38   7.3  128.7
 39   7.5  125.5
 40   7.9  120.8
 41   8.3  116.1
 42   8.4  114.9
 43   8.8  111.8
 44   9.1  108.4
 45   9.2  105.3
 46   9.3  102.6
 47   9.5  100.9
 48   9.7  100.7
 49  10.1  101.3
 50  10.4  102.2
 51  10.5  102.4
 52  10.5  100.3
 53  10.2   96.4
 54   9.8   95.7
 55   7.9  105.7
 56   7.6  106.2
 57   7.2  105.2
 58   6.7  102.1
 59   6.5   98.5
 60   6.5   97.7
 61   6.6   96.8
 62   6.7   96.2
 63   6.6   96.3
 64   6.6   94.2
 65   6.5   91.1
 66   6.5   87.5
```

```
SNOWBIRD STATION 174    (172M.)      11/AUG/75        544 GMT
LAT= 75.0820N  LONG= 145.7725W  LTER=    16.  LGER=     32.
NIVEL= -23.6   EIVEL=   9.5     NVER=     0   EVER=      1

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67  10.0  178.2      134   7.2  227.5
  1   0.0  999.9       68   9.6  179.1      135   7.4  225.0
  2   0.0  999.9       69   8.3  181.2      136   7.8  225.5
  3   0.0  999.9       70   7.4  182.0      137   7.8  227.0
  4  22.9  175.3       71   7.1  181.8      138   7.9  232.1
  5  22.3  178.9       72   7.4  180.6      139   8.1  234.9
  6  21.5  181.1       73   7.9  177.5      140   8.9  236.0
  7  20.7  182.3       74   8.8  174.0      141   8.9  235.3
  8  20.0  180.9       75   9.7  168.4      142   8.7  234.3
  9  19.3  178.6       76  10.4  167.5      143   8.6  233.9
 10  18.7  176.8       77  10.5  168.9      144   8.2  233.9
 11  18.1  177.7       78  10.3  172.4      145   7.9  234.0
 12  17.5  178.6       79  10.2  177.5      146   8.0  234.3
 13  16.9  179.6       80  10.0  182.9      147   8.1  233.3
 14  16.6  179.6       81   9.8  187.2      148   8.2  231.9
 15  16.7  179.3       82   9.5  190.1      149   8.0  230.6
 16  16.7  178.9       83   9.2  191.8      150   7.3  229.4
 17  16.2  178.8       84   8.9  194.6      151   7.3  228.3
 18  15.8  178.5       85   8.3  199.1      152   7.3  229.6
 19  15.4  178.3       86   7.7  204.5      153   7.2  231.1
 20  15.9  176.6       87   7.2  210.6      154   7.5  230.1
 21  16.3  175.9       88   6.8  217.4      155   8.5  229.2
 22  16.3  177.1       89   6.8  218.8      156   9.7  228.5
 23  15.5  177.5       90   6.9  217.5      157  10.3  229.1
 24  14.4  178.0       91   6.6  219.9      158   9.9  230.8
 25  13.3  178.2       92   6.4  222.5      159   9.6  233.3
 26  12.5  180.5       93   6.5  219.1      160   9.7  234.8
 27  11.6  181.9       94   6.8  216.2      161   9.6  236.2
 28  11.0  184.3       95   7.0  213.6      162   9.4  237.6
 29  10.5  184.4       96   7.3  211.0      163   9.1  238.7
 30  10.0  183.4       97   7.4  210.3      164   8.5  240.3
 31   9.6  181.2       98   7.5  210.0      165   8.6  240.6
 32   9.1  180.7       99   7.8  210.8      166   8.8  239.8
 33   8.5  179.8      100   8.2  213.6      167   9.0  238.8
 34   8.3  177.3      101   8.5  216.2      168   9.3  237.1
 35   8.2  174.6      102   8.5  218.1      169   9.4  235.5
 36   8.2  172.3      103   8.5  219.6      170   9.5  233.8
 37   8.2  170.4      104   8.4  220.0      171   9.5  232.3
 38   8.4  170.0      105   8.3  220.0      172   9.5  232.3
 39   8.5  169.8      106   8.2  219.8
 40   8.7  170.0      107   8.0  219.6
 41   9.0  170.5      108   7.4  218.9
 42   9.2  170.4      109   6.7  218.3
 43   9.5  170.7      110   6.2  218.5
 44   9.7  171.2      111   6.4  220.8
 45  10.1  171.4      112   6.9  223.0
 46  10.6  171.7      113   7.4  224.4
 47  11.2  171.9      114   7.6  223.7
 48  11.9  171.7      115   7.2  221.8
 49  12.6  171.2      116   6.7  218.9
 50  13.1  170.8      117   6.2  214.7
 51  13.4  170.1      118   7.0  215.4
 52  13.7  169.7      119   7.6  217.9
 53  13.7  169.9      120   7.9  219.6
 54  13.8  169.8      121   8.4  221.9
 55  13.7  169.8      122   8.6  223.3
 56  13.3  170.5      123   8.6  224.7
 57  12.5  171.8      124   8.6  224.9
 58  11.8  173.6      125   8.7  225.4
 59  11.0  175.5      126   8.8  225.8
 60  10.2  176.0      127   8.8  226.7
 61   9.5  175.8      128   8.9  227.8
 62   9.9  172.0      129   8.7  230.5
 63  10.7  169.2      130   8.1  233.5
 64  11.1  168.6      131   7.1  235.0
 65  10.4  171.9      132   7.0  234.9
 66  10.0  175.4      133   7.1  231.0
```

CAMP SNOWBIRD STATION 175
DATE 11/ 8/75 TIME 1409(GMT)

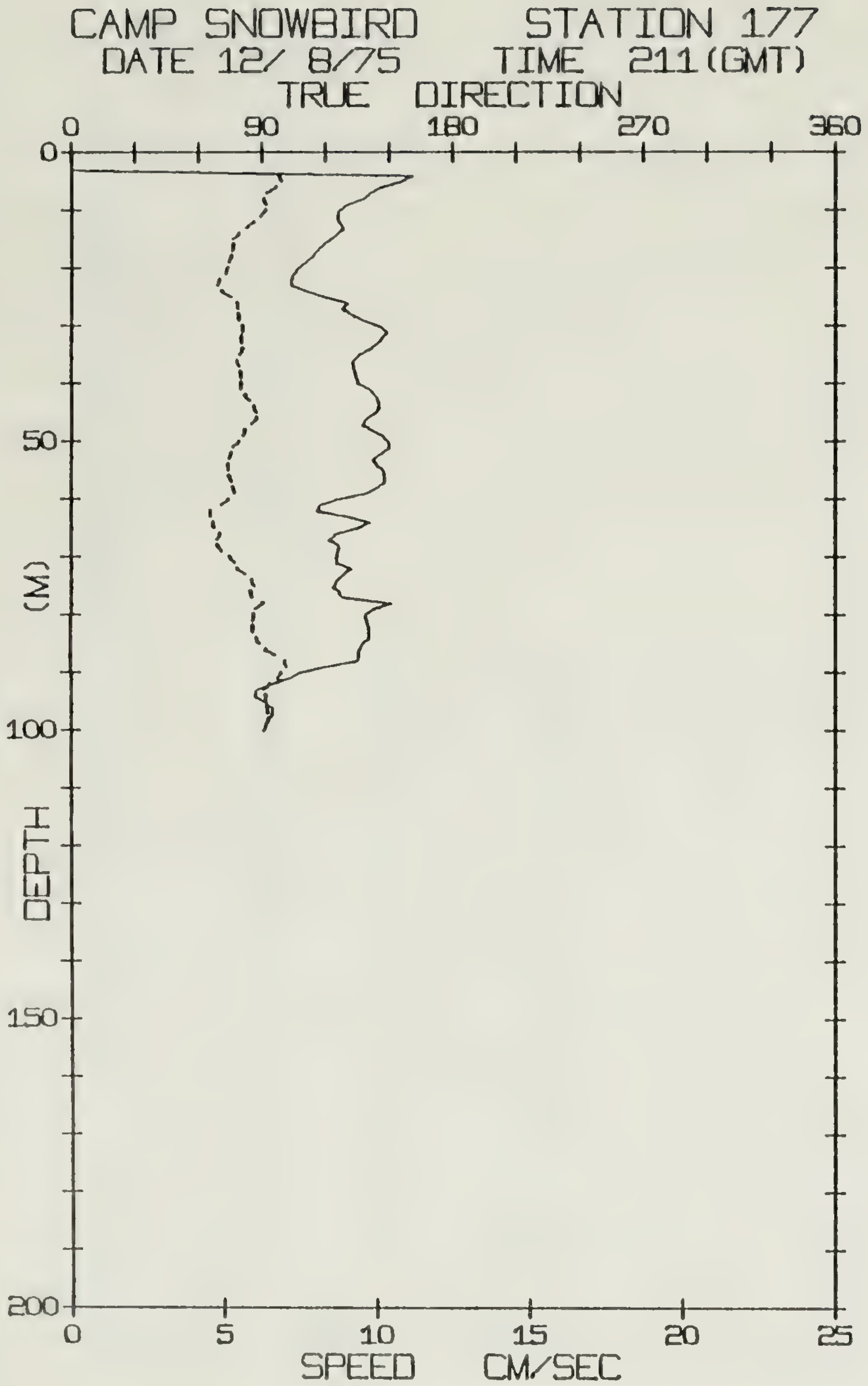


CAMP SNOWBIRD STATION 176
DATE 11/ 8/75 TIME 2244(GMT)

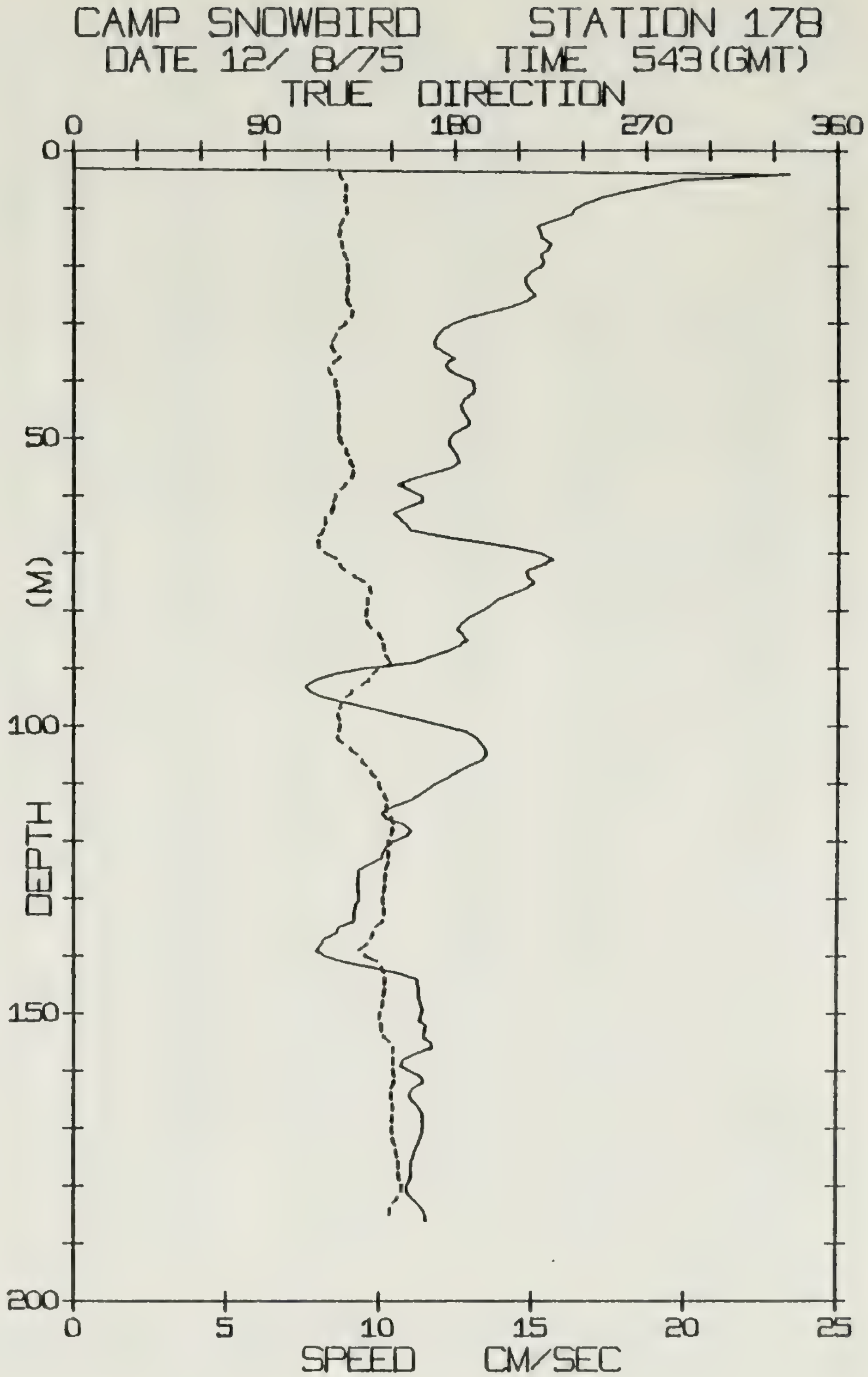


```
SNOWBIRD STATION 175     (100M.)      11/AUG/75      1409 GMT
LAT= 75.0459N  LONG= 145.7154W  LTER=      0   LGER=      0.
NIVEL=  -4.0   EIVEL=  16.4     NVER=      0.  EVER=      0

DPT     SPD    DRN        DPT    SPD     DRN       DPT    SPD    DRN
  0     0.0   999.9        67   12.2    79.4
  1     0.0   999.9        68   12.3    76.5
  2     0.0   999.9        69   12.6    73.9
  3     0.0   999.9        70   13.1    72.5
  4     8.3   100.8        71   13.6    72.9
  5     8.4    96.3        72   13.8    73.9
  6     9.1   100.5        73   13.9    74.4
  7     9.3   103.3        74   14.0    73.6
  8     9.0   103.8        75   13.9    72.3
  9     8.7   103.1        76   13.7    70.6
 10     8.2   100.3        77   13.5    68.6
 11     7.7    96.0        78   13.3    67.0
 12     7.4    91.2        79   13.0    66.1
 13     7.2    90.0        80   13.0    65.4
 14     7.2    92.4        81   13.0    65.0
 15     7.2    94.5        82   13.0    65.2
 16     7.6    94.0        83   12.9    65.9
 17     7.8   101.3        84   12.9    64.7
 18     8.5   110.7        85   12.9    63.3
 19     9.3   115.1        86   12.9    61.9
 20     8.6   111.2        87   12.7    60.8
 21     7.5    89.2        88   12.6    60.8
 22     8.7    78.1        89   12.5    60.6
 23    10.2    75.4        90   12.5    60.2
 24    10.7    74.5        91   12.6    60.0
 25    11.0    73.3        92   12.6    59.7
 26    10.9    71.0        93   12.4    59.8
 27    10.8    68.0        94   11.7    61.0
 28    10.8    64.8        95   11.2    63.2
 29    10.9    61.1        96   11.2    63.9
 30    11.1    59.3        97   11.2    63.5
 31    11.4    60.3        98   11.2    63.2
 32    11.6    61.3        99   11.2    62.5
 33    11.8    62.8       100   11.2    62.5
 34    12.3    64.0
 35    12.8    65.9
 36    13.0    67.1
 37    12.9    67.5
 38    12.9    67.0
 39    13.0    66.2
 40    12.9    65.2
 41    12.9    64.3
 42    13.0    64.6
 43    13.3    66.2
 44    13.7    68.1
 45    14.2    70.0
 46    14.6    71.8
 47    14.8    73.8
 48    14.4    75.4
 49    13.7    76.6
 50    13.1    77.9
 51    12.5    78.9
 52    11.8    79.0
 53    10.7    77.2
 54    10.0    76.0
 55    10.2    75.7
 56    10.8    73.1
 57    11.4    71.4
 58    11.1    70.2
 59    10.3    69.5
 60    11.1    69.0
 61    12.8    72.2
 62    14.2    76.2
 63    15.3    80.5
 64    15.7    81.4
 65    14.4    80.5
 66    12.7    81.4
```

```
SNOWBIRD STATION 176     (196M.)      11/AUG/75      2244 GMT
LAT= 75.0076N  LONG= 145.5638W  LTER=      2.  LGER=      4.
NIVEL=  -4.0   EIVEL=   6.5     NVER=      0   EVER=      0

DPT     SPD    DRN        DPT    SPD     DRN       DPT    SPD    DRN
  0     0.0   999.9        67    2.9   143.2       134    1.3   170.4
  1     0.0   999.9        68    2.9   140.9       135    1.3   172.2
  2     0.0   999.9        69    2.2   147.1       136    1.2   172.5
  3     0.0   999.9        70    1.2   163.3       137    1.1   172.2
  4     6.5   193.2        71    1.1   183.7       138    0.9   171.0
  5     5.5   216.7        72    1.2   162.2       139    0.8   169.2
  6     6.3   215.4        73    1.3   154.7       140    0.8   175.0
  7     6.6   219.2        74    1.1   157.8       141    1.3   189.4
  8     5.7   225.9        75    1.0   160.4       142    1.8   193.6
  9     4.6   235.4        76    1.0   153.4       143    1.7   200.9
 10     5.0   236.5        77    1.4   138.8       144    1.7   210.6
 11     5.1   234.8        78    1.9   131.1       145    1.8   210.3
 12     5.1   239.1        79    1.9   129.1       146    1.9   206.5
 13     5.1   247.6        80    2.1   126.5       147    1.7   201.2
 14     5.7   257.7        81    2.5   124.2       148    1.7   195.1
 15     6.0   258.5        82    2.9   122.6       149    1.7   191.0
 16     5.7   256.4        83    3.2   121.5       150    1.8   189.6
 17     5.3   253.6        84    3.5   120.8       151    1.9   192.7
 18     4.9   251.8        85    3.5   120.0       152    2.0   195.3
 19     5.4   255.0        86    3.6   119.3       153    2.1   190.9
 20     6.1   259.1        87    3.3   118.2       154    2.2   194.9
 21     6.6   257.9        88    3.2   118.2       155    2.2   200.8
 22     6.3   246.8        89    3.5   115.4       156    2.0   199.7
 23     5.8   236.1        90    3.8   117.6       157    1.8   198.6
 24     5.1   221.6        91    3.4   115.5       158    1.8   196.8
 25     4.2   207.8        92    2.7   110.7       159    1.6   197.4
 26     3.3   188.5        93    2.3   105.8       160    1.3   191.4
 27     3.6   167.5        94    2.1   101.5       161    1.1   189.9
 28     4.3   149.1        95    2.0    97.1       162    1.0   188.0
 29     4.7   142.8        96    1.8    90.2       163    0.6   176.4
 30     4.5   145.5        97    1.6    80.4       164    0.5   137.6
 31     4.5   145.9        98    1.5    69.2       165    0.5   130.0
 32     4.2   148.3        99    1.5    59.5       166    0.7   153.0
 33     4.2   148.0       100    1.5    54.5       167    0.7   163.2
 34     4.1   147.6       101    1.5    55.9       168    0.9   163.2
 35     4.1   145.9       102    1.6    49.7       169    1.0   167.4
 36     4.2   142.6       103    1.6    53.2       170    1.1   178.5
 37     4.2   141.5       104    1.7    60.9       171    1.4   167.1
 38     4.2   139.2       105    1.8    68.4       172    1.4   164.0
 39     4.1   140.9       106    1.8    74.2       173    1.4   158.3
 40     4.0   139.6       107    1.7    84.2       174    1.3   150.3
 41     4.1   139.7       108    2.0    83.0       175    1.4   140.2
 42     4.0   140.7       109    2.2    82.8       176    1.6   131.9
 43     4.3   138.2       110    2.4    82.9       177    1.8   125.1
 44     4.9   134.6       111    2.6    83.2       178    1.2   126.5
 45     5.6   130.7       112    2.7    83.6       179    0.8   156.6
 46     5.8   130.3       113    2.7    84.6       180    0.5   182.6
 47     5.6   133.9       114    2.7    85.7       181    0.3   202.2
 48     5.2   138.3       115    2.6    06.9       182    0.2   207.0
 49     5.2   144.1       116    2.5    87.9       183    0.4   198.9
 50     4.3   151.9       117    2.4    89.7       184    0.5   149.5
 51     4.0   167.2       118    2.2    90.4       185    0.8   107.4
 52     3.9   175.0       119    2.0    92.0       186    1.0   143.9
 53     3.8   178.5       120    1.8    95.0       187    1.5   164.7
 54     3.7   180.2       121    1.6   109.1       188    1.8   181.3
 55     3.6   187.6       122    1.5   104.7       189    2.3   187.6
 56     3.5   184.6       123    1.3   104.1       190    2.8   186.2
 57     3.4   172.1       124    1.4   105.5       191    3.2   190.0
 58     3.5   164.0       125    1.3   105.8       192    3.3   186.5
 59     3.3   167.0       126    1.2   114.9       193    3.0   182.9
 60     3.0   174.6       127    1.1   124.7       194    2.8   179.0
 61     3.1   163.2       128    1.1   137.4       195    2.6   170.0
 62     3.1   159.2       129    1.2   148.1       196    2.5   159.2
 63     3.2   150.9       130    1.2   156.6
 64     3.8   140.8       131    1.2   159.6
 65     4.0   136.5       132    1.2   163.3
 66     3.4   140.6       133    1.4   169.8
```



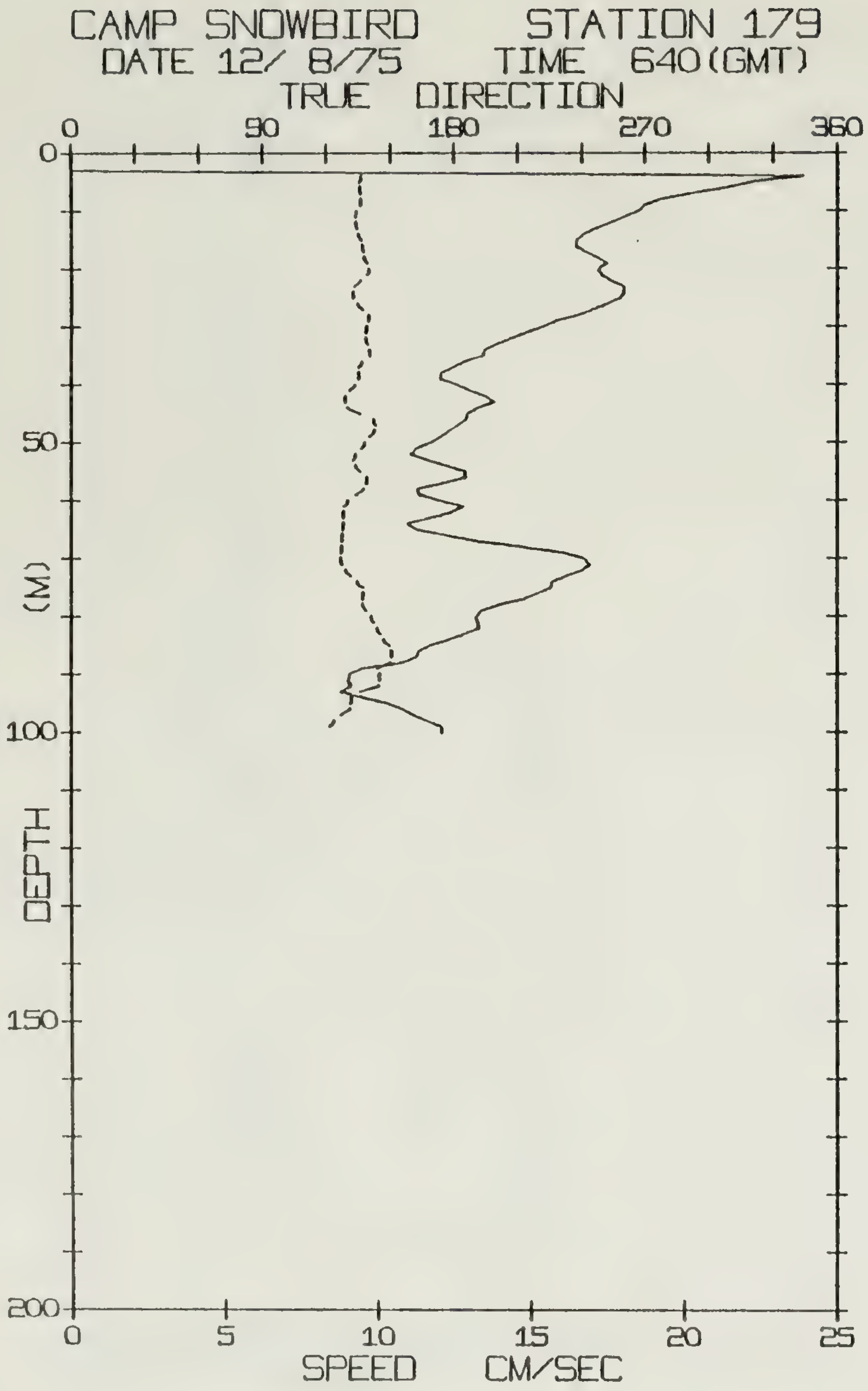
CAMP SNOWBIRD STATION 177
DATE 12/ 8/75 TIME 211(GMT)

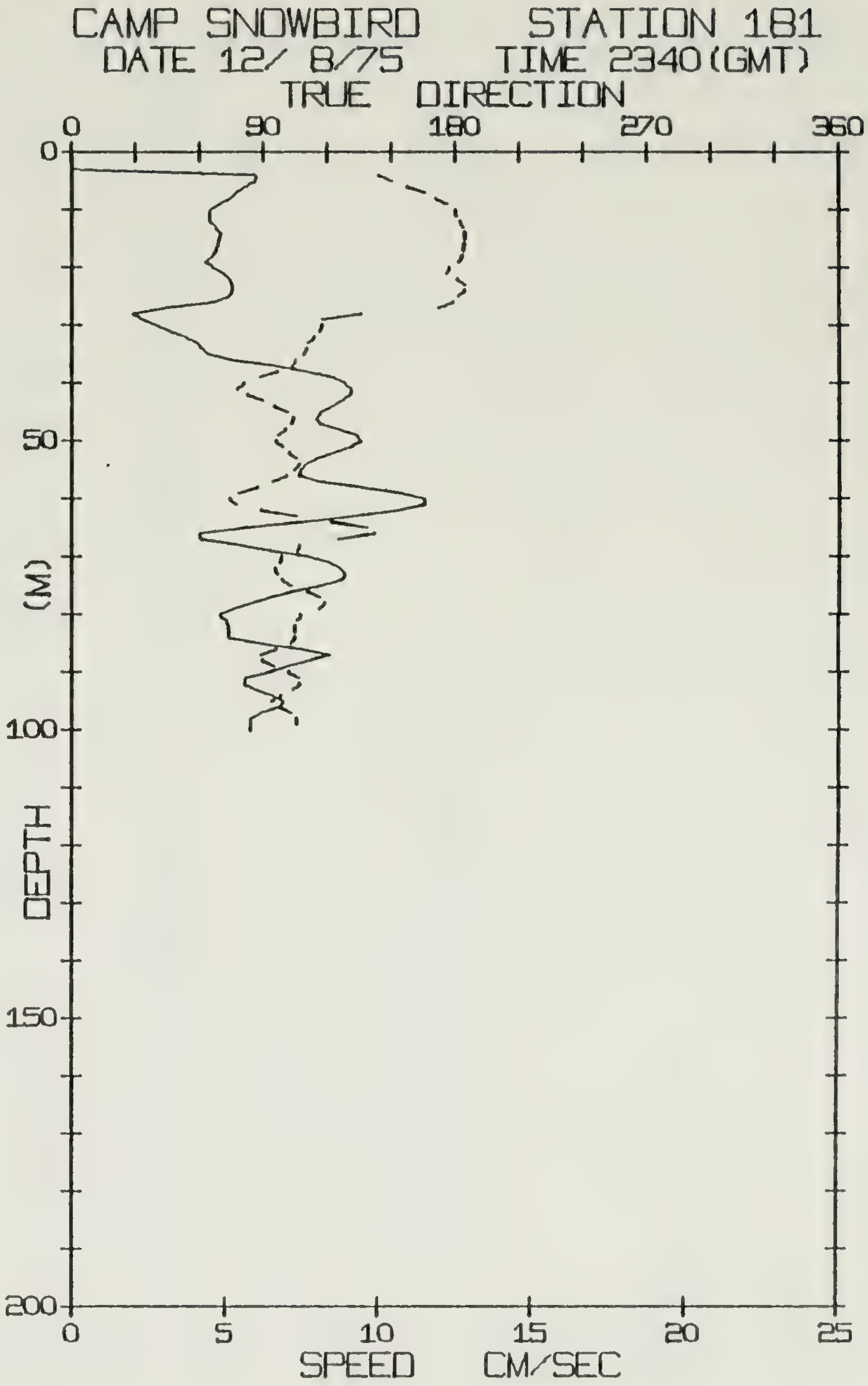


CAMP SNOWBIRD STATION 178
DATE 12/ 8/75 TIME 543(GMT)

```
SNOWBIRD STATION 177     (100M )      12/AUG/75        211 GMT
LAT= 75.0094N  LONG= 145.5157W  LTER=      2.   LGER=      4.
NIVEL=    1.9   EIVEL=  18.0     NVER=      0.   EVER=      0.

DPT     SPD    DRN        DPT    SPD     DRN      DPT     SPD     DRN
  0     0.0   999.9        67    8.5    68.8
  1     0.0   999.9        68    8.8    69.2
  2     0.0   999.9        69    8.8    71.4
  3     0.0   999.9        70    8.7    75.1
  4    11.2    98.3        71    8.7    77.3
  5    10.8    99.3        72    9.2    78.4
  6    10.1    96.7        73    9.0    82.3
  7     9.8    92.5        74    8.7    85.3
  8     9.6    90.9        75    8.6    86.7
  9     9.1    92.0        76    8.8    84.9
 10     8.8    91.6        77    8.9    85.8
 11     8.7    89.4        78   10.5    90.6
 12     8.8    86.1        79    9.9    87.2
 13     9.0    82.7        80    9.6    86.5
 14     8.7    79.5        81    9.7    85.8
 15     8.5    76.7        82    9.8    85.8
 16     8.2    76.8        83    9.8    85.7
 17     8.1    76.1        84    9.8    87.6
 18     7.9    75.3        85    9.6    89.2
 19     7.7    74.5        86    9.4    91.8
 20     7.4    73.5        87    9.4    96.3
 21     7.3    72.8        88    9.4   101.0
 22     7.2    69.7        89    8.3   101.8
 23     7.3    69.1        90    7.5    99.5
 24     7.7    71.3        91    7.1    97.2
 25     8.3    75.3        92    6.5    93.7
 26     9.1    78.4        93    6.1    91.1
 27     8.9    79.1        94    6.0    91.8
 28     9.2    79.3        95    6.3    92.0
 29     9.6    79.1        96    6.6    92.7
 30    10.1    81.1        97    6.6    93.1
 31    10.4    80.8        98    6.5    93.4
 32    10.2    80.6        99    6.4    91.7
 33    10.0    80.8       100    6.3    89.2
 34     9.8    80.9
 35     9.4    79.7
 36     9.3    78.3
 37     9.3    79.5
 38     9.3    80.3
 39     9.4    80.6
 40     9.4    80.5
 41     9.8    80.1
 42    10.0    82.2
 43    10.1    84.3
 44    10.1    86.4
 45    10.0    87.6
 46     9.7    87.6
 47     9.5    85.2
 48     9.8    82.3
 49    10.2    81.2
 50    10.4    79.4
 51    10.5    76.6
 52    10.2    75.5
 53     9.9    74.6
 54    10.0    74.2
 55    10.3    74.6
 56    10.3    74.9
 57    10.3    76.1
 58    10.0    77.0
 59     9.7    77.6
 60     8.8    74.6
 61     8.2    71.0
 62     8.0    65.9
 63     9.1    65.7
 64     9.8    67.0
 65     9.4    67.8
 66     8.7    70.3
```

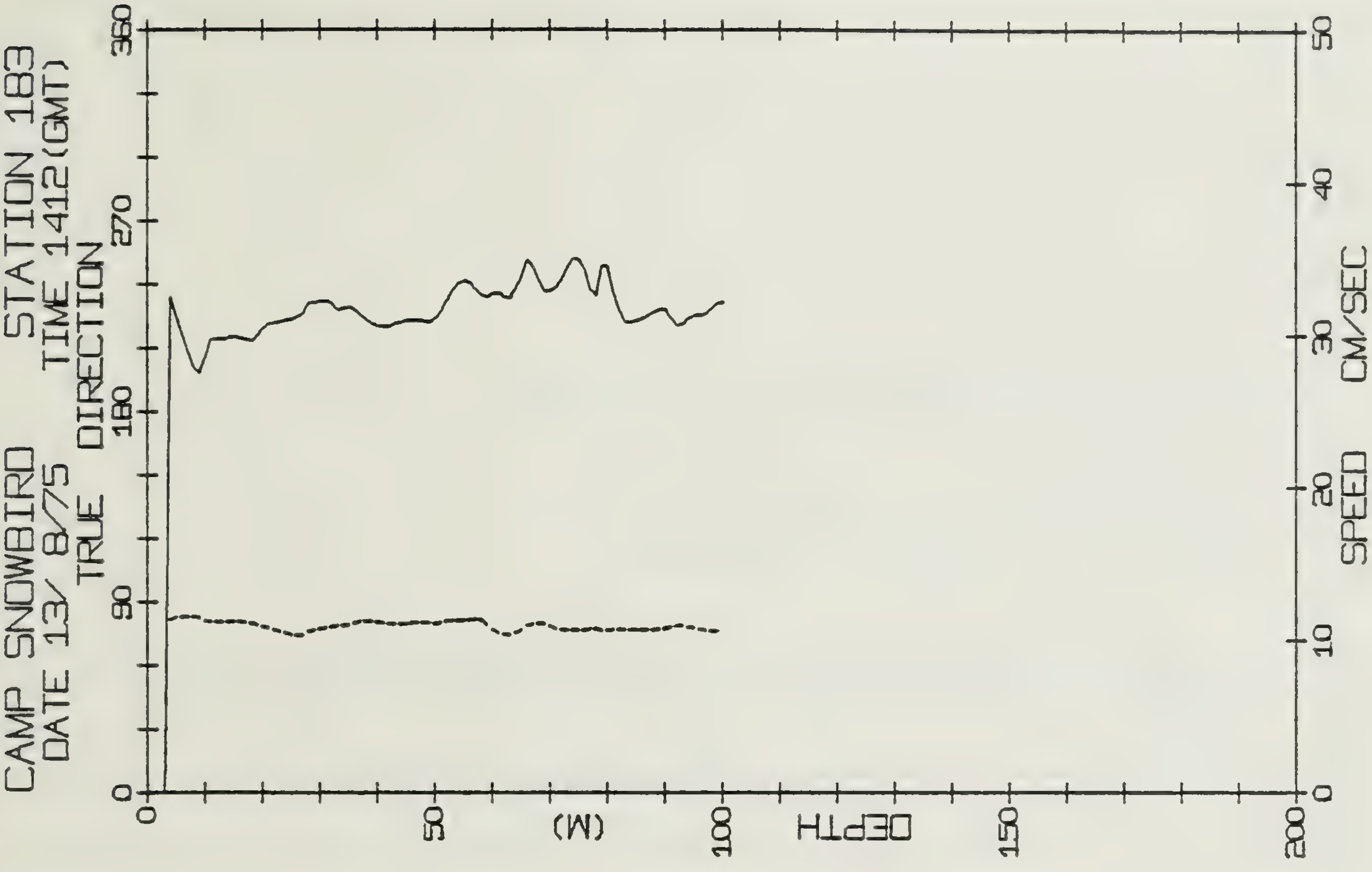
```
SNOWBIRD STATION 178     (186M.)      12/AUG/75        543 GMT
LAT= 75.0042N  LONG= 145.4203W  LTER=      2.   LGER=      3
NIVEL=   -9.9   EIVEL=  22.0     NVER=      0.   EVER=      0

DPT     SPD    DRN        DPT    SPD     DRN      DPT     SPD     DRN
  0     0.0   999.9        67   12.0   115.4      134     9.2   145.8
  1     0.0   999.9        68   13.2   115.1      135     8.7   142.7
  2     0.0   999.9        69   14.4   115.6      136     8.6   141.3
  3     0.0   999.9        70   15.3   118.2      137     8.2   140.2
  4    23.4   125.6        71   15.7   123.9      138     8.1   138.6
  5    19.9   126.7        72   15.3   125.6      139     8.0   134.7
  6    19.0   128.2        73   14.8   127.9      140     8.3   137.5
  7    18.1   128.8        74   14.9   132.3      141     8.9   143.2
  8    17.3   128.0        75   15.1   136.7      142     9.8   145.5
  9    16.8   128.3        76   14.8   139.6      143    10.7   146.7
 10    16.4   129.2        77   14.4   140.3      144    11.3   147.2
 11    16.3   128.5        78   13.9   138.8      145    11.3   146.7
 12    15.7   126.8        79   13.6   138.4      146    11.3   146.4
 13    15.2   125.2        80   13.4   138.1      147    11.3   146.3
 14    15.3   125.3        81   13.0   137.7      148    11.4   145.9
 15    15.3   125.1        82   12.7   138.4      149    11.5   145.3
 16    15.6   126.5        83   12.6   140.5      150    11.4   144.4
 17    15.5   127.0        84   12.7   143.6      151    11.3   144.3
 18    15.3   127.8        85   12.9   145.7      152    11.5   145.4
 19    15.4   129.5        86   12.6   146.3      153    11.5   145.9
 20    15.3   129.7        87   12.2   146.5      154    11.5   147.0
 21    14.9   129.2        88   11.7   147.8      155    11.7   149.3
 22    14.8   129.6        89   11.2   149.3      156    11.7   150.9
 23    14.8   129.5        90    9.5   143.5      157    11.2   151.3
 24    14.9   129.1        91    8.5   141.2      158    10.8   151.1
 25    15.1   128.5        92    7.9   139.3      159    10.7   151.1
 26    14.9   129.1        93    7.6   136.0      160    11.0   151.4
 27    14.4   130.5        94    7.8   131.5      161    11.4   151.8
 28    13.6   131.6        95    8.2   129.1      162    11.5   151.4
 29    12.9   130.7        96    9.0   126.6      163    11.1   150.0
 30    12.4   128.3        97    9.8   125.6      164    11.0   149.9
 31    12.1   125.3        98   10.6   124.7      165    11.1   150.7
 32    11.9   123.7        99   11.4   125.9      166    11.3   151.1
 33    11.8   121.8       100   12.1   125.7      167    11.4   151.2
 34    11.8   121.3       101   12.9   125.0      168    11.5   150.8
 35    12.1   123.0       102   13.2   124.7      169    11.5   150.6
 36    12.5   125.3       103   13.4   126.9      170    11.5   150.7
 37    12.2   122.4       104   13.5   130.5      171    11.4   151.0
 38    12.3   120.1       105   13.5   133.6      172    11.3   151.5
 39    12.6   121.2       106   13.4   136.2      173    11.3   152.3
 40    13.0   123.6       107   12.9   138.2      174    11.2   152.9
 41    13.1   123.3       108   12.6   140.5      175    11.1   153.3
 42    13.1   124.7       109   12.3   142.3      176    11.1   153.8
 43    12.8   125.3       110   11.9   144.0      177    11.1   153.6
 44    12.7   125.4       111   11.6   145.1      178    11.1   153.7
 45    12.7   125.3       112   11.3   146.8      179    11.0   154.5
 46    12.8   125.1       113   11.0   148.1      180    10.9   155.4
 47    13.0   124.9       114   10.5   147.4      181    11.0   154.7
 48    12.9   125.0       115   10.1   147.5      182    11.1   153.2
 49    12.5   125.4       116   10.2   150.1      183    11.3   151.3
 50    12.3   125.6       117   10.8   151.2      184    11.5   149.7
 51    12.3   127.0       118   11.1   150.5      185    11.6   148.9
 52    12.4   128.5       119   10.9   149.8      186    11.6   148.9
 53    12.6   129.8       120   10.5   148.4
 54    12.6   130.8       121   10.3   148.4
 55    12.4   132.0       122   10.1   148.8
 56    11.7   131.9       123   10.1   148.7
 57    11.1   130.8       124    9.7   148.3
 58    10.6   128.5       125    9.4   146.9
 59    11.0   125.9       126    9.3   146.9
 60    11.4   123.7       127    9.3   146.8
 61    11.4   122.4       128    9.3   146.5
 62    10.9   122.2       129    9.4   146.1
 63    10.5   121.3       130    9.4   145.8
 64    10.7   118.9       131    9.2   146.5
 65    10.9   118.9       132    9.2   146.8
 66    11.1   117.4       133    9.2   146.5
```

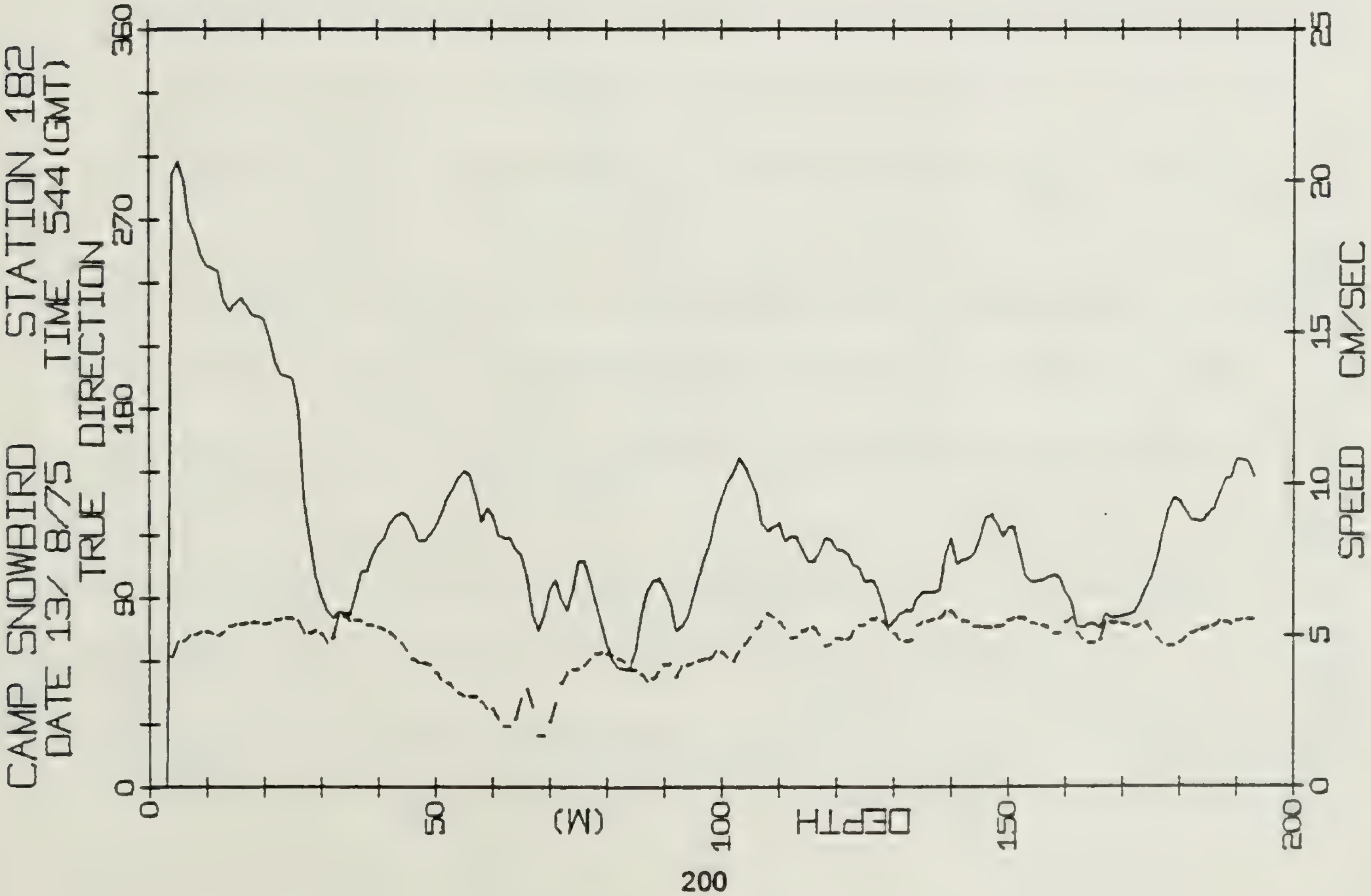

CAMP SNOWBIRD STATION 179
DATE 12/ 8/75 TIME 640(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 181
DATE 12/ 8/75 TIME 2340(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 179     (100M )      12/AUG/75       640 GMT
LAT= 75.0005N  LONG= 145.3956W  LTER=     2.  LGER=     3.
NIVEL= -13.5   EIVEL=  19.6     NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   13.2  127.4
  1    0.0  999.9        68   14.7  127.1
  2    0.0  999.9        69   16.1  126.7
  3    0.0  999.9        70   16.8  126.7
  4   23.9  136.6        71   16.9  127.5
  5   22.2  135.6        72   16.7  129.2
  6   21.4  136.0        73   16.2  131.5
  7   20.2  136.4        74   15.7  134.5
  8   19.2  136.6        75   15.6  137.3
  9   18.7  135.8        76   15.2  137.2
 10   18.5  134.1        77   14.8  137.0
 11   18.1  133.5        78   14.0  137.5
 12   17.6  134.0        79   13.4  139.1
 13   17.2  134.6        80   13.2  141.1
 14   16.7  135.5        81   13.3  142.3
 15   16.5  136.8        82   13.3  143.9
 16   16.5  137.5        83   12.8  145.5
 17   16.8  137.8        84   12.3  147.2
 18   17.2  138.3        85   11.7  149.5
 19   17.5  139.4        86   11.4  150.8
 20   17.2  140.3        87   11.3  150.6
 21   17.3  139.2        88   10.8  149.7
 22   17.6  136.2        89    9.5  144.2
 23   18.0  133.4        90    9.1  145.1
 24   18.0  132.7        91    9.0  145.3
 25   17.9  132.9        92    9.2  144.8
 26   17.5  135.0        93    8.8  136.5
 27   17.1  137.3        94    9.5  132.4
 28   16.5  140.0        95   10.3  131.3
 29   15.8  139.8        96   10.8  130.8
 30   15.4  138.8        97   11.2  127.0
 31   14.9  138.5        98   11.6  123.7
 32   14.4  138.7        99   12.1  121.8
 33   13.9  139.8       100   12.1  121.8
 34   13.5  140.7
 35   13.4  140.8
 36   12.8  137.1
 37   12.5  135.4
 38   12.1  135.6
 39   12.1  135.1
 40   12.6  133.7
 41   13.0  130.9
 42   13.5  129.0
 43   13.8  128.8
 44   13.3  130.2
 45   12.9  135.8
 46   12.9  142.3
 47   12.6  143.6
 48   12.3  142.6
 49   12.1  140.4
 50   11.8  138.5
 51   11.3  136.6
 52   11.1  134.1
 53   11.6  132.8
 54   12.2  134.0
 55   12.9  136.0
 56   12.9  139.2
 57   12.2  138.9
 58   11.3  137.5
 59   11.4  134.1
 60   12.0  130.2
 61   12.8  128.3
 62   12.5  128.2
 63   11.7  128.2
 64   11.0  128.3
 65   11.3  127.5
 66   12.3  127.3
```

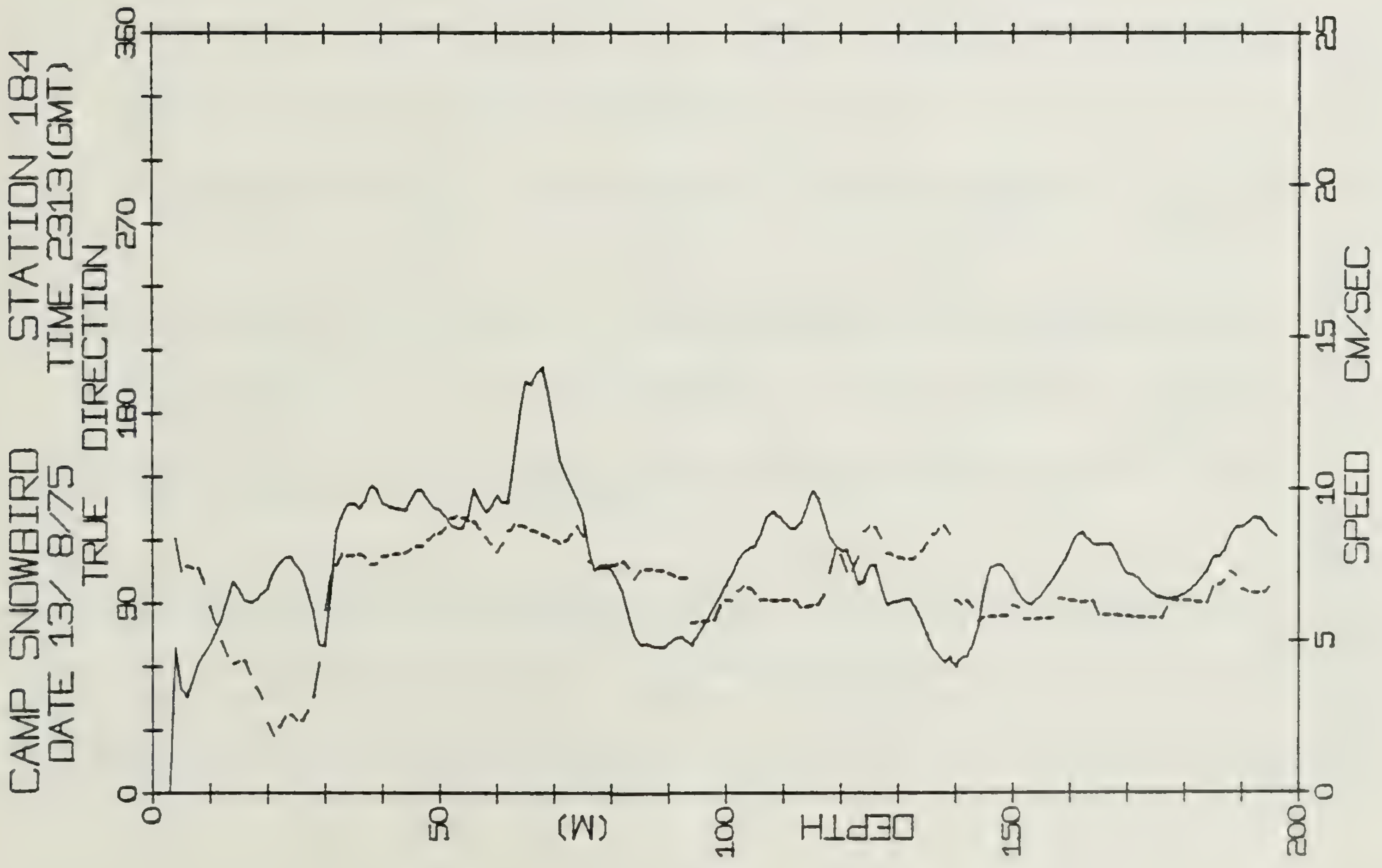
```
SNOWBIRD STATION 181     (100M. )     12/AUG/75      2340 GMT
LAT= 74.9806N  LONG= 145.1272W  LTER=     2.  LGER=     3
NIVEL=   1.3   EIVEL=   3.5     NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67    4.2  125.4
  1    0.0  999.9        68    5.4  107.3
  2    0.0  999.9        69    6.5  106.1
  3    0.0  999.9        70    7.7   98.7
  4    6.0  144.4        71    8.4   97.6
  5    6.0  150.1        72    8.8   95.9
  6    5.7  157.7        73    8.9   96.7
  7    5.4  165.9        74    8.8   99.0
  8    5.2  171.0        75    8.2  103.2
  9    4.8  176.0        76    7.3  110.9
 10    4.5  179.9        77    6.5  116.4
 11    4.5  180.7        78    5.9  118.9
 12    4.5  182.4        79    5.3  116.5
 13    4.7  184.0        80    4.8  108.0
 14    4.8  184.9        81    5.0  106.2
 15    4.8  184.7        82    5.1  105.0
 16    4.7  184.3        83    5.1  104.9
 17    4.7  183.9        84    5.1  104.8
 18    4.6  183.1        85    6.1  103.1
 19    4.4  181.6        86    7.5   96.1
 20    4.6  177.2        87    8.4   89.1
 21    4.9  175.9        88    7.7   90.0
 22    5.2  180.8        89    7.0   95.2
 23    5.2  184.8        90    6.4  102.1
 24    5.2  184.6        91    5.7  107.0
 25    5.1  181.3        92    5.6  107.3
 26    4.6  179.1        93    6.0  104.5
 27    3.1  172.3        94    6.5   98.5
 28    2.0  136.1        95    6.9   94.1
 29    2.3  117.6        96    6.8   98.2
 30    2.8  117.5        97    6.2  102.9
 31    3.2  116.3        98    5.9  105.8
 32    3.7  114.0        99    5.9  105.8
 33    4.1  111.4       100    5.8  106.0
 34    4.3  110.2
 35    4.4  109.0
 36    5.2  105.3
 37    6.6  103.7
 38    7.6   96.7
 39    8.6   88.5
 40    8.9   81.1
 41    9.1   78.0
 42    9.1   82.8
 43    8.8   89.8
 44    8.5   95.4
 45    8.1  101.2
 46    8.0  104.5
 47    8.1  103.2
 48    8.7  100.3
 49    9.3   97.0
 50    9.5   96.1
 51    9.1   99.1
 52    8.6  102.4
 53    8.0  105.5
 54    7.6  107.2
 55    7.5  104.8
 56    7.4  101.1
 57    8.0   94.5
 58    9.4   87.4
 59   10.7   78.9
 60   11.5   74.6
 61   11.5   77.3
 62   10.7   89.1
 63    9.2  105.6
 64    7.6  122.2
 65    5.7  138.7
 66    4.2  142.1
```

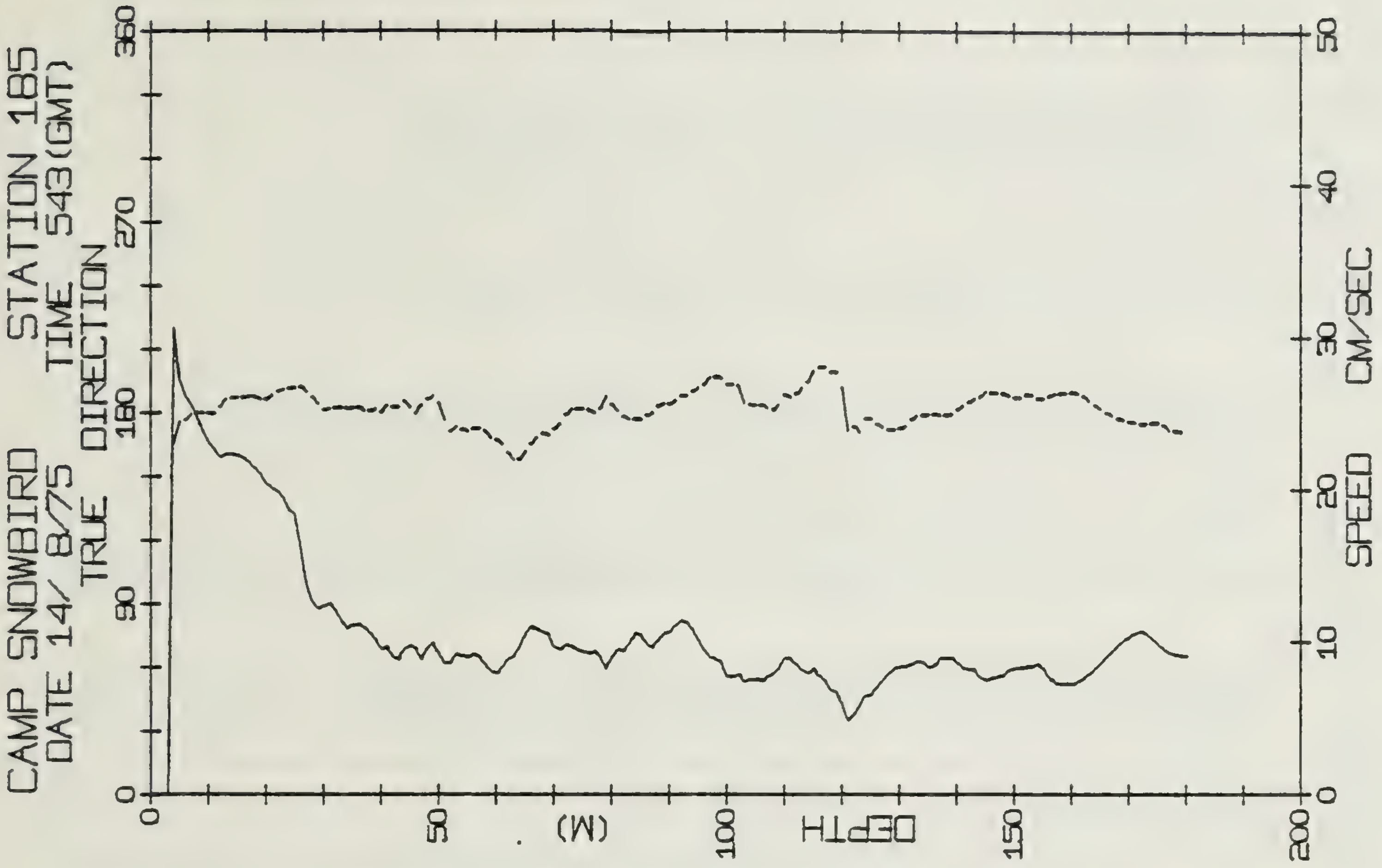

CAMP SNOWBIRD STATION 183
DATE 13/ 8/75 TIME 1412(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD STATION 182
DATE 13/ 8/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 182      (193M.)     13/AUG/75       544 GMT
LAT= 75.0057N  LONG= 145.0716W  LTER=      0.   LGER=      0.
NIVEL=  16.0   EIVEL=  10.8     NVER=      0.   EVER=      0.

DPT    SPD    DRN        DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9        67    5.7    38.5      134    6.2    77.0
  1    0.0   999.9        68    5.2    24.8      135    6.4    79.0
  2    0.0   999.9        69    5.7    24.6      136    6.4    79.5
  3    0.0   999.9        70    6.5    31.3      137    6.5    80.4
  4   20.3    62.3        71    6.9    39.8      138    6.5    80.9
  5   20.7    69.3        72    6.2    49.8      139    7.7    83.9
  6   20.1    69.9        73    5.8    54.4      140    8.2    83.7
  7   18.7    72.4        74    6.5    56.0      141    7.4    80.7
  8   18.3    73.1        75    7.4    56.8      142    7.5    79.3
  9   17.6    74.5        76    7.5    58.6      143    7.6    78.5
 10   17.2    74.3        77    6.9    61.0      144    7.7    76.7
 11   17.1    73.1        78    6.1    63.4      145    8.2    76.1
 12   17.0    72.6        79    5.4    64.4      146    8.9    76.2
 13   16.0    74.3        80    4.7    63.3      147    9.0    75.9
 14   15.7    76.7        81    4.2    62.5      148    8.7    76.7
 15   16.0    77.9        82    3.9    61.2      149    8.3    77.3
 16   16.2    77.9        83    3.9    59.7      150    8.5    79.3
 17   15.9    78.6        84    3.9    56.0      151    8.6    80.8
 18   15.6    78.8        85    4.5    55.7      152    7.8    80.9
 19   15.5    78.2        86    5.7    53.9      153    7.0    79.7
 20   15.4    77.8        87    6.5    50.6      154    6.8    78.1
 21   14.9    78.5        88    6.8    51.9      155    6.8    77.4
 22   14.0    79.8        89    6.9    54.9      156    6.9    76.8
 23   13.6    80.6        90    6.6    58.5      157    6.9    75.3
 24   13.6    80.8        91    6.1    59.0      158    7.0    73.3
 25   13.5    80.3        92    5.2    52.7      159    6.9    73.1
 26   12.6    79.3        93    5.3    57.3      160    6.4    78.5
 27    9.5    73.5        94    5.6    58.4      161    6.1    80.3
 28    8.2    73.8        95    6.3    59.5      162    5.3    73.7
 29    7.0    75.0        96    6.9    60.5      163    5.3    70.2
 30    6.3    73.5        97    7.6    61.5      164    5.4    68.7
 31    5.8    69.0        98    8.1    62.0      165    5.4    68.4
 32    5.6    71.1        99    9.0    64.8      166    5.2    69.9
 33    5.8    81.8       100    9.6    64.1      167    5.7    78.7
 34    5.7    81.5       101   10.1    61.9      168    5.6    78.4
 35    5.7    79.1       102   10.4    60.3      169    5.6    78.3
 36    6.4    79.6       103   10.9    64.5      170    5.7    77.8
 37    7.1    78.9       104   10.6    68.0      171    5.7    76.9
 38    7.2    77.5       105   10.2    71.5      172    5.8    76.0
 39    7.7    77.0       106    9.7    75.8      173    6.1    77.4
 40    8.1    76.0       107    8.7    78.9      174    6.5    78.5
 41    8.2    74.7       108    8.5    82.8      175    6.9    74.6
 42    8.7    73.8       109    8.6    81.0      176    7.5    70.6
 43    9.0    71.4       110    8.7    79.0      177    8.4    68.2
 44    9.1    68.6       111    8.1    75.9      178    9.2    67.0
 45    9.0    64.9       112    8.3    71.4      179    9.6    67.3
 46    8.6    61.3       113    8.2    71.8      180    9.5    68.9
 47    8.2    59.2       114    7.9    74.5      181    9.1    71.0
 48    8.1    59.0       115    7.5    75.8      182    8.8    73.3
 49    8.3    58.1       116    7.5    76.5      183    8.8    74.5
 50    8.6    54.7       117    7.7    72.6      184    8.8    75.3
 51    9.0    51.4       118    8.2    67.5      185    9.0    76.3
 52    9.5    50.0       119    8.2    68.2      186    9.2    77.1
 53    9.9    47.7       120    7.9    70.6      187    9.7    78.8
 54   10.2    45.1       121    7.8    70.2      188   10.2    78.4
 55   10.4    43.2       122    7.7    70.8      189   10.2    77.4
 56   10.3    43.2       123    7.3    74.4      190   10.8    79.2
 57    9.7    42.9       124    7.2    77.1      191   10.8    80.0
 58    8.8    40.7       125    6.8    77.2      192   10.7    79.8
 59    9.2    37.6       126    6.8    79.8      193   10.3    80.0
 60    9.0    37.2       127    6.6    80.8
 61    8.3    32.7       128    6.0    79.1
 62    8.2    29.1       129    5.3    75.1
 63    8.2    28.9       130    5.5    73.4
 64    7.9    32.4       131    5.7    70.2
 65    7.6    42.1       132    5.8    69.3
 66    6.9    46.9       133    5.8    70.0
```

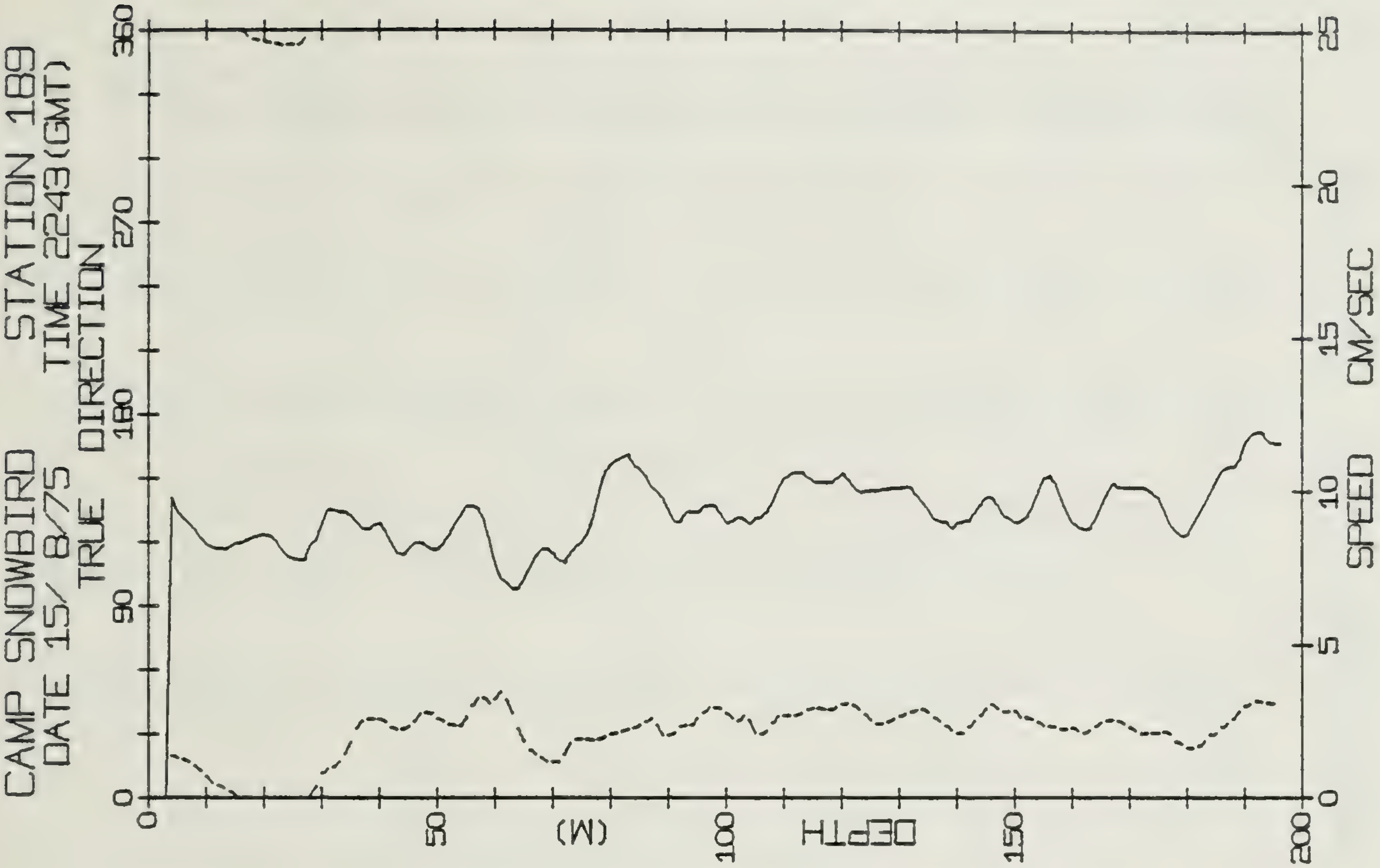
```
SNOWBIRD STATION 183      (100M.)     13/AUG/75      1412 GMT
LAT= 75.0668N  LONG= 144.9578W  LTER=      0.   LGER=      0.
NIVEL=  11.2   EIVEL=  35.4     NVER=      0.   EVER=      0.

DPT    SPD    DRN        DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9        67   34.5    80.2
  1    0.0   999.9        68   33.7    80.3
  2    0.0   999.9        69   32.9    79.6
  3    0.0   999.9        70   32.9    78.5
  4   32.5    81.8        71   33.2    77.3
  5   31.3    83.0        72   33.7    76.6
  6   30.1    83.4        73   34.5    76.8
  7   29.0    83.6        74   35.0    76.8
  8   27.9    83.3        75   34.9    76.7
  9   27.5    82.3        76   34.3    76.8
 10   28.5    81.1        77   33.0    77.9
 11   29.7    80.9        78   32.6    77.5
 12   29.8    80.8        79   34.5    76.4
 13   29.7    80.8        80   34.5    76.8
 14   29.9    80.9        81   32.9    77.3
 15   29.9    81.0        82   31.7    77.1
 16   29.8    80.8        83   30.9    76.9
 17   29.7    80.4        84   30.9    76.9
 18   29.6    79.9        85   31.0    76.9
 19   29.9    79.2        86   31.1    76.9
 20   30.4    78.4        87   31.3    76.9
 21   30.8    77.5        88   31.5    77.5
 22   30.8    76.8        89   31.7    77.9
 23   30.9    75.9        90   31.6    78.1
 24   31.0    75.3        91   31.1    78.7
 25   31.1    74.6        92   30.6    79.3
 26   31.2    74.4        93   30.7    79.1
 27   31.4    74.4        94   31.1    78.4
 28   32.1    76.3        95   31.3    77.9
 29   32.1    77.1        96   31.3    77.1
 30   32.3    77.7        97   31.4    76.5
 31   32.2    78.3        98   31.7    76.5
 32   32.0    78.7        99   32.1    76.5
 33   31.6    79.2       100   32.2    76.8
 34   31.8    79.3
 35   31.8    79.7
 36   31.6    80.6
 37   31.3    81.3
 38   31.0    81.3
 39   30.7    81.1
 40   30.6    80.6
 41   30.5    80.1
 42   30.6    79.7
 43   30.8    79.6
 44   30.9    79.8
 45   31.0    80.1
 46   31.0    80.5
 47   31.0    80.8
 48   30.9    80.4
 49   30.9    80.1
 50   31.1    80.0
 51   31.5    80.8
 52   32.2    81.4
 53   32.9    81.6
 54   33.4    81.7
 55   33.6    81.8
 56   33.4    81.8
 57   33.0    82.3
 58   32.7    81.6
 59   32.5    79.4
 60   32.8    77.2
 61   32.8    75.3
 62   32.5    74.7
 63   32.4    74.8
 64   33.1    75.7
 65   33.8    77.2
 66   34.9    79.2
```

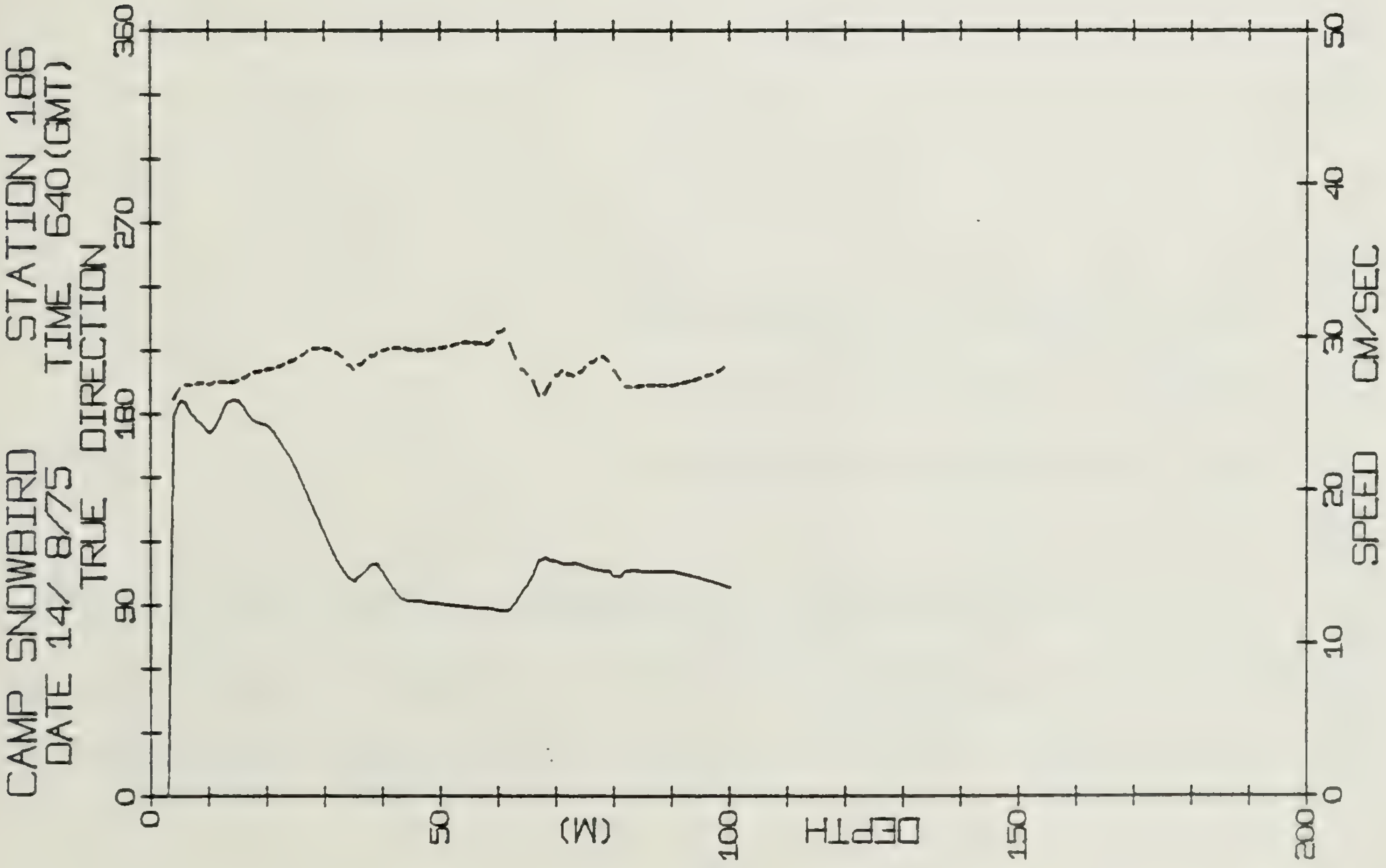

CAMP SNOWBIRD STATION 184
DATE 13/ 8/75 TIME 2313(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 185
DATE 14/ 8/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
10
20
30
40
50
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 184     (196M.)     13/AUG/75      2313 GMT
LAT= 75.0544N  LONG= 144.7531W  LTER=     2.   LGER=     4.
NIVEL=    1.2   EIVEL=  17.9     NVER=     0.   EVER=     0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67   13 8   123.4      134    5.7   114.6
   1    0.0   999.9       68   14.0   122.3      135    5.2   118.4
   2    0.0   999.9       69   13.1   121.0      136    4.8   122.4
   3    0.0   999 9       70   12.1   119 9      137    4.5   124.5
   4    4.8   120.7       71   11.0   118 4      138    4.3   126 5
   5    3 4   105 8       72   10.5   119.6      139    4.5   122.7
   6    3.1   107.5       73   10 1   122 7      140    4 2    91 4
   7    3.7   106.8       74    9 7   126 3      141    4.4    89.4
   8    4.3   106.3       75    9.2   122.1      142    4.5    91.1
   9    4 6    99.4       76    8.1   110.3      143    4.9    88.0
  10    4 9    88.5       77    7.4   107.9      144    5.5    82.0
  11    5.3    79.8       78    7.5   107.2      145    6 6    83.2
  12    5.7    72 1       79    7.5   106.9      146    7.4    83.8
  13    6.4    65.2       80    7.3   107.9      147    7.5    84.0
  14    7.0    61.3       81    7 0   108.9      148    7.5    84.2
  15    6.7    62.6       82    6.6   109.9      149    7.2    84.2
  16    6.3    63.0       83    5.9   107.0      150    6.9    88.8
  17    6.3    56.3       84    5.2   101.6      151    6.6    87.7
  18    6.4    50.4       85    4.9   105.3      152    6.3    82.6
  19    6.6    44.7       86    4.9   106.3      153    6.2    82.5
  20    6.7    33.4       87    4.8   106.1      154    6.3    82.6
  21    7.3    27.3       88    4.8   105.6      155    6.5    82.8
  22    7 6    31.6       89    4.8   105.3      156    6.8    83.0
  23    7.7    35.9       90    4 9   103.9      157    7.0    83.2
  24    7.8    37.2       91    5.1   102.6      158    7.4    91.9
  25    7.5    34.6       92    5.2   101.6      159    7.6    91.5
  26    7.3    34.3       93    5.0   101.7      160    8.0    91.1
  27    6.6    38.9       94    4.9    80.9      161    8.4    90.6
  28    6.0    45 5       95    5.2    81.4      162    8.6    90.5
  29    4.9    61.7       96    5.5    81.8      163    8.4    90.7
  30    4.8    86.9       97    5.8    82.1      164    8.2    90.9
  31    6.6   102.8       98    6.1    82.4      165    8.2    84.6
  32    8.6   108.2       99    6.5    88.9      166    8.2    84.5
  33    9.1   113.2      100    6.9    91.5      167    8.2    84.3
  34    9.5   112.5      101    7.2    91.1      168    7.9    84.1
  35    9 5   112.4      102    7.6    95.9      169    7.5    83.7
  36    9.4   113.4      103    7.9    97.9      170    7.2    83.4
  37    9.6   111.7      104    8.1    97.1      171    7.1    83.2
  38   10 1   108.6      105    8.2    95.0      172    7.0    83.2
  39   10 0   109.1      106    8.5    92.1      173    6.8    83.0
  40    9.6   112.2      107    9.1    91.4      174    6.6    82.8
  41    9 4   113.0      108    9.3    91.1      175    6.5    82.7
  42    9.4   113.5      109    9.1    91.3      176    6.4    82.7
  43    9.3   113.9      110    8.9    91.5      177    6.4    87.9
  44    9.3   114.2      111    8.7    91 8      178    6.4    91.0
  45    9.7   116.0      112    8.7    91.1      179    6.5    90.9
  46   10.0   117.2      113    8.9    87.9      180    6.6    90 8
  47    9.9   117.3      114    9.4    88 3      181    6.7    90.7
  48    9.6   120.3      115    9.9    89.4      182    6.9    90.5
  49    9.4   122.6      116    9.7    89.9      183    7.1    90.3
  50    9.3   123.3      117    9.1    93.6      184    7.3    90.0
  51    9 1   125 8      118    8.4   104.6      185    7.8    97.5
  52    8 8   130.3      119    8.2   115.1      186    7.8    98.5
  53    8 7   131.7      120    8.0   113.0      187    8.0   100.4
  54    8.7   130.5      121    8.0   105 3      188    8.5   104.8
  55    9.1   129.2      122    7.5   105.6      189    8 7   102.6
  56   10 0   128.4      123    6.9   112.1      190    8.8    96.3
  57    9.6   125.1      124    7.0   124.0      191    8.9    95.1
  58    9.3   121.5      125    7.5   126.5      192    9.0    94.8
  59    9.4   117.9      126    7.5   125 7      193    9.0    94.8
  60    9.8   114.5      127    6.8   120.7      194    8.9    95.1
  61    9 6   118 3      128    6.2   113 9      195    8.6    97.5
  62    9.6   124.1      129    6.3   112.8      196    8.5   101.8
  63   10.9   126.8      130    6 3   111.9
  64   12.4   126.6      131    6.4   111.0
  65   13.5   125 7      132    6.4   110.7
  66   13 4   124.5      133    6.1   112 0
```

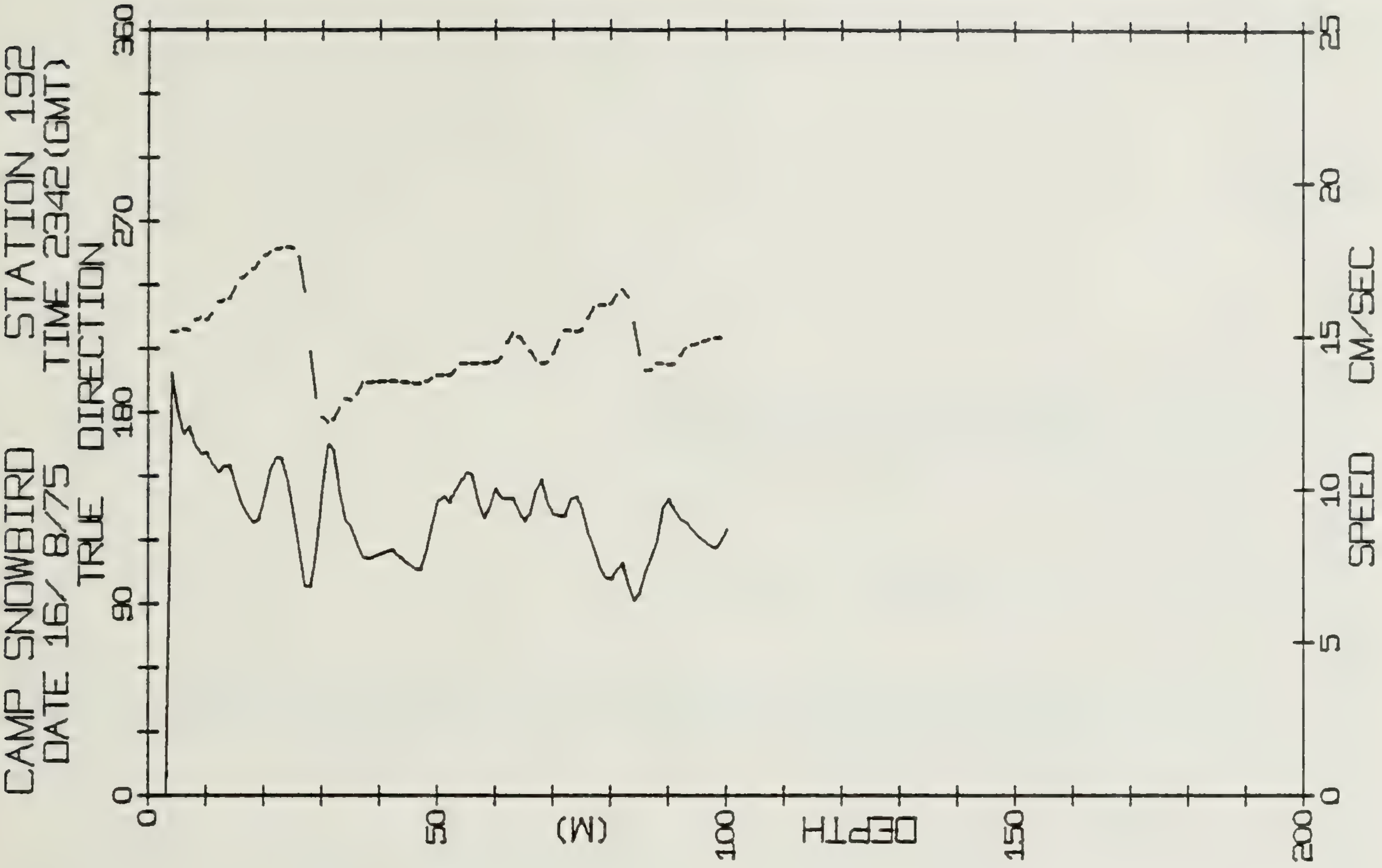
```
SNOWBIRD STATION 185     (180M.)     14/AUG/75       543 GMT
LAT= 75.0298N  LONG= 144.5256W  LTER=     2.   LGER=     4
NIVEL= -24.8   EIVEL=  11.7     NVER=     0.   EVER=     0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67   10.8   168.6      134    8.7   179 1
   1    0.0   999.9       68   10 6   170.4      135    8.4   179.7
   2    0.0   999.9       69   10.5   169.7      136    8.5   179 9
   3    0.0   999.9       70    9.7   172.6      137    8.9   178.8
   4   30.6   166 1       71    9.5   175.0      138    8.9   179.3
   5   27.2   175.4       72    9.8   179.1      139    9 0   179.8
   6   26.1   176.8       73    9.7   181.6      140    8.6   181.9
   7   25.6   179.3       74    9.5   182.3      141    8.3   184.1
   8   24.8   180.2       75    9.3   181.8      142    8.2   185.6
   9   23.9   180.0       76    9.2   181.1      143    8.2   187.2
  10   23.1   179.8       77    9.4   180.1      144    7.7   188.2
  11   22.6   180.0       78    9.0   182.3      145    7.5   190.3
  12   22.1   183.3       79    8.2   187.8      146    7.6   189.9
  13   22.3   186.8       80    8.9   184.4      147    7.7   189.6
  14   22 3   187.4       81    9.5   180.9      148    7.8   189.5
  15   22.2   187.6       82    9.4   178.5      149    8.2   188.4
  16   22.1   188.0       83    9.9   177.0      150    8.3   187.3
  17   21.8   188.2       84   10.5   177.2      151    8.3   187.5
  18   21.4   187.6       85   10.5   176.9      152    8.4   188 9
  19   21.0   186.5       86    9.9   179.0      153    8.4   188.7
  20   20.4   186.8       87    9.6   180.3      154    8.5   187.2
  21   20.1   188.5       88   10.1   183.6      155    8.3   187.3
  22   19.8   190.2       89   10.5   184.7      156    7.7   188.4
  23   19.5   191.5       90   10.7   184.5      157    7.4   189.7
  24   18.7   192.0       91   11.1   186.4      158    7.3   190 0
  25   18.4   192.2       92   11.4   188.3      159    7.2   189.9
  26   16.3   192.6       93   11.3   188.7      160    7.2   190.3
  27   13.8   190.4       94   10.8   190.6      161    7.4   189.5
  28   12.6   187.9       95   10.2   192.2      162    7.6   188.3
  29   12.2   184.8       96    9.5   193.6      163    7.9   186.3
  30   12.3   181.6       97    9.0   197.0      164    8.2   184.3
  31   12.5   182.2       98    8.9   197.5      165    8.6   182.1
  32   12.1   182.6       99    8.7   196.6      166    9.0   180.3
  33   11.5   182.4      100    7.7   193.8      167    9.4   178.9
  34   10.9   182.0      101    7.7   193.8      168    9.7   177 8
  35   11.0   182.8      102    7.9   192.9      169   10.1   176.9
  36   11.2   182.8      103    7.4   185.4      170   10.4   176.2
  37   10.9   181.2      104    7.6   184.0      171   10.6   175.4
  38   10.6   181.2      105    7.6   184.0      172   10.7   174.9
  39   10.1   182.0      106    7.4   184.4      173   10.6   175.4
  40    9.5   180.4      107    7.7   182.8      174   10.2   175.6
  41    9.7   183.8      108    7.9   181.5      175    9 9   175.8
  42    9.1   183.1      109    8.3   184.3      176    9.5   174.6
  43    8.8   183.4      110    8.9   188.7      177    9.2   172.0
  44    9.5   185.7      111    8.9   187.7      178    9.1   171.8
  45    9.7   183.1      112    8.5   189.5      179    9.1   171.6
  46    9.6   180.2      113    8.2   191.7      180    9.1   171 1
  47    8.8   184.1      114    7.9   194.7
  48    9.6   186.5      115    8.2   199.9
  49   10.0   188 3      116    7.8   201.7
  50    9.2   185.3      117    7.5   202.3
  51    8.6   177.0      118    6.9   199.7
  52    8.6   171 7      119    6.7   199.3
  53    9.2   173.5      120    5.9   192.5
  54    9.1   172.3      121    4 9   172.3
  55    9.0   171.4      122    5.2   173.8
  56    9.2   172.8      123    5.7   171.7
  57    9.0   172.7      124    6.5   177.2
  58    8.5   171.5      125    6.6   177.3
  59    8.1   168.8      126    7.0   175.3
  60    7.9   167.3      127    7.5   173.5
  61    8.3   165.6      128    7.9   172.3
  62    8.9   161.6      129    8.2   172.2
  63    9 1   158.1      130    8.4   173.0
  64    9.6   158.4      131    8.4   174.1
  65   10.5   161.8      132    8.6   177.0
  66   11.0   165.3      133    8.8   179.0
```

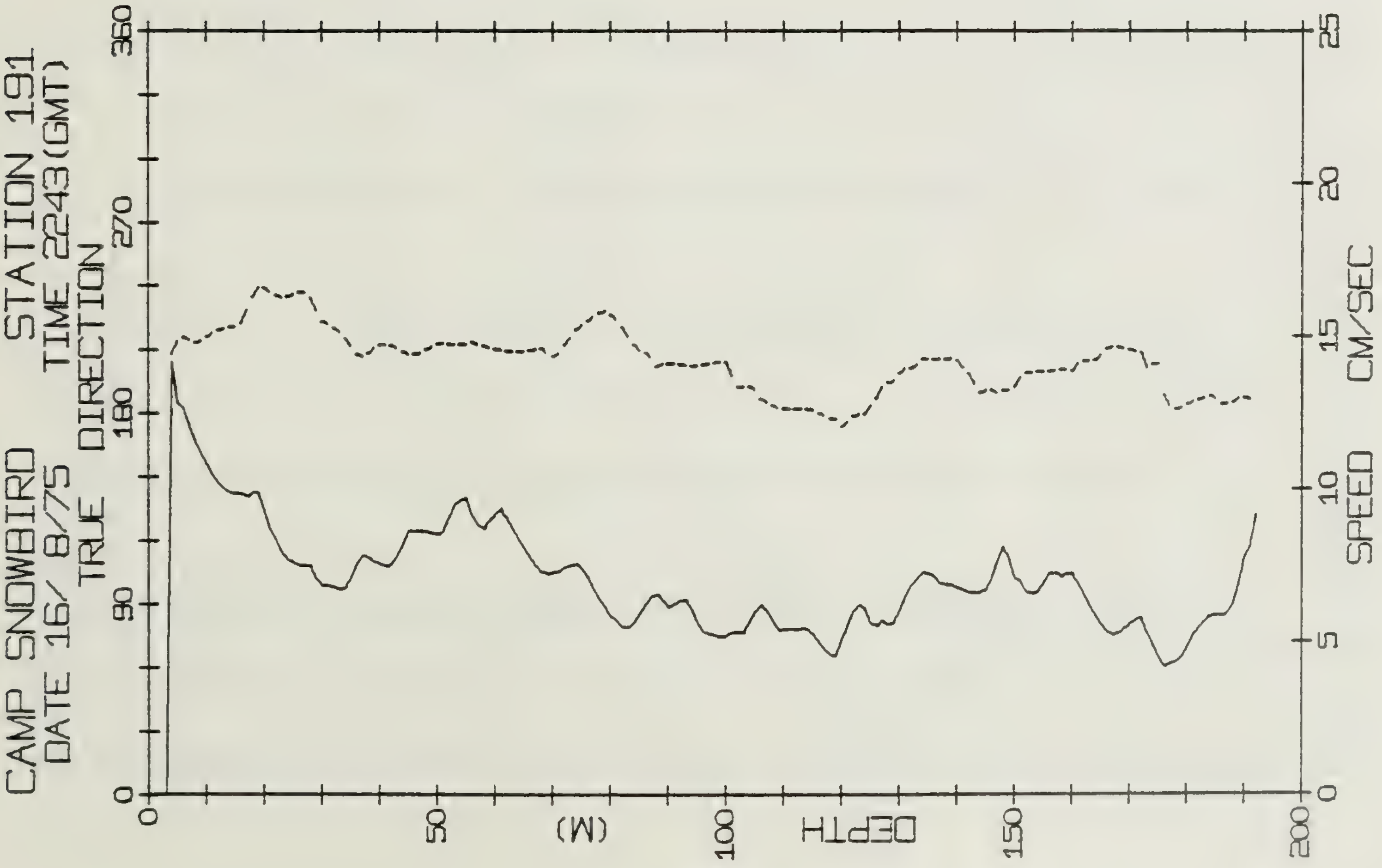

CAMP SNOWBIRD STATION 189
DATE 15/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
(M)
100
DEPTH
150
200


CAMP SNOWBIRD STATION 186
DATE 14/ 8/75 TIME 640(GMT)
TRUE DIRECTION
0
90
180
270
360
0
10
20
30
40
50
SPEED CM/SEC
0
50
(M)
100
DEPTH
150
200

```
SNOWBIRD STATION 186     (100M.)       14/AUG/75        640 GMT
LAT= 75.0226N  LONG= 144.5155W  LTER=       0.   LGER=       1.
NIVEL= -21.0   EIVEL=    6.3    NVER=       0    EVER=       0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   15.4   189.2
  1    0.0   999.9       68   15.6   190.0
  2    0.0   999.9       69   15.4   194.4
  3    0.0   999.9       70   15.3   198.2
  4   24.8   187.4       71   15.2   200.3
  5   25.8   191.8       72   15.2   198.9
  6   25.8   193.8       73   15.2   197.8
  7   25.0   193.6       74   15.1   199.5
  8   24.6   194.6       75   15.0   201.9
  9   24.2   194.9       76   14.9   204.0
 10   23.8   193.9       77   14.8   205.9
 11   24.0   195.2       78   14.7   207.1
 12   24.8   195.3       79   14.7   205.0
 13   25.7   194.8       80   14.4   200.7
 14   25.9   195.1       81   14.4   196.5
 15   25.9   195.9       82   14.7   193.0
 16   25.5   197.1       83   14.8   192.5
 17   24.8   198.6       84   14.7   193.1
 18   24.5   199.7       85   14.6   193.8
 19   24.3   200.6       86   14.6   193.8
 20   24.2   201.2       87   14.7   193.2
 21   23.9   201.7       88   14.7   193.2
 22   23.3   202.5       89   14.7   193.3
 23   22.7   203.6       90   14.6   193.8
 24   22.2   204.8       91   14.6   194.4
 25   21.5   206.1       92   14.5   195.0
 26   20.6   207.8       93   14.4   195.7
 27   19.7   209.6       94   14.3   196.4
 28   18.8   211.1       95   14.2   197.3
 29   18.0   211.3       96   14.1   198.2
 30   17.2   210.8       97   14.0   199.1
 31   16.3   210.1       98   13.9   200.3
 32   15.5   209.1       99   13.7   201.9
 33   14.9   206.7      100   13.6   203.4
 34   14.3   203.1
 35   14.1   201.0
 36   14.4   203.1
 37   14.8   205.3
 38   15.2   207.3
 39   15.2   208.7
 40   14.7   210.1
 41   14.1   211.0
 42   13.5   211.4
 43   13.0   211.2
 44   12.8   210.6
 45   12.8   210.2
 46   12.7   210.1
 47   12.7   210.0
 48   12.6   210.5
 49   12.6   211.0
 50   12.5   211.5
 51   12.5   212.2
 52   12.5   212.9
 53   12.4   213.4
 54   12.4   214.0
 55   12.3   213.8
 56   12.3   213.6
 57   12.3   213.2
 58   12.3   213.1
 59   12.2   214.9
 60   12.1   218.8
 61   12.1   220.0
 62   12.2   213.5
 63   12.7   206.2
 64   13.3   201.2
 65   13.9   198.9
 66   14.5   195.8
```

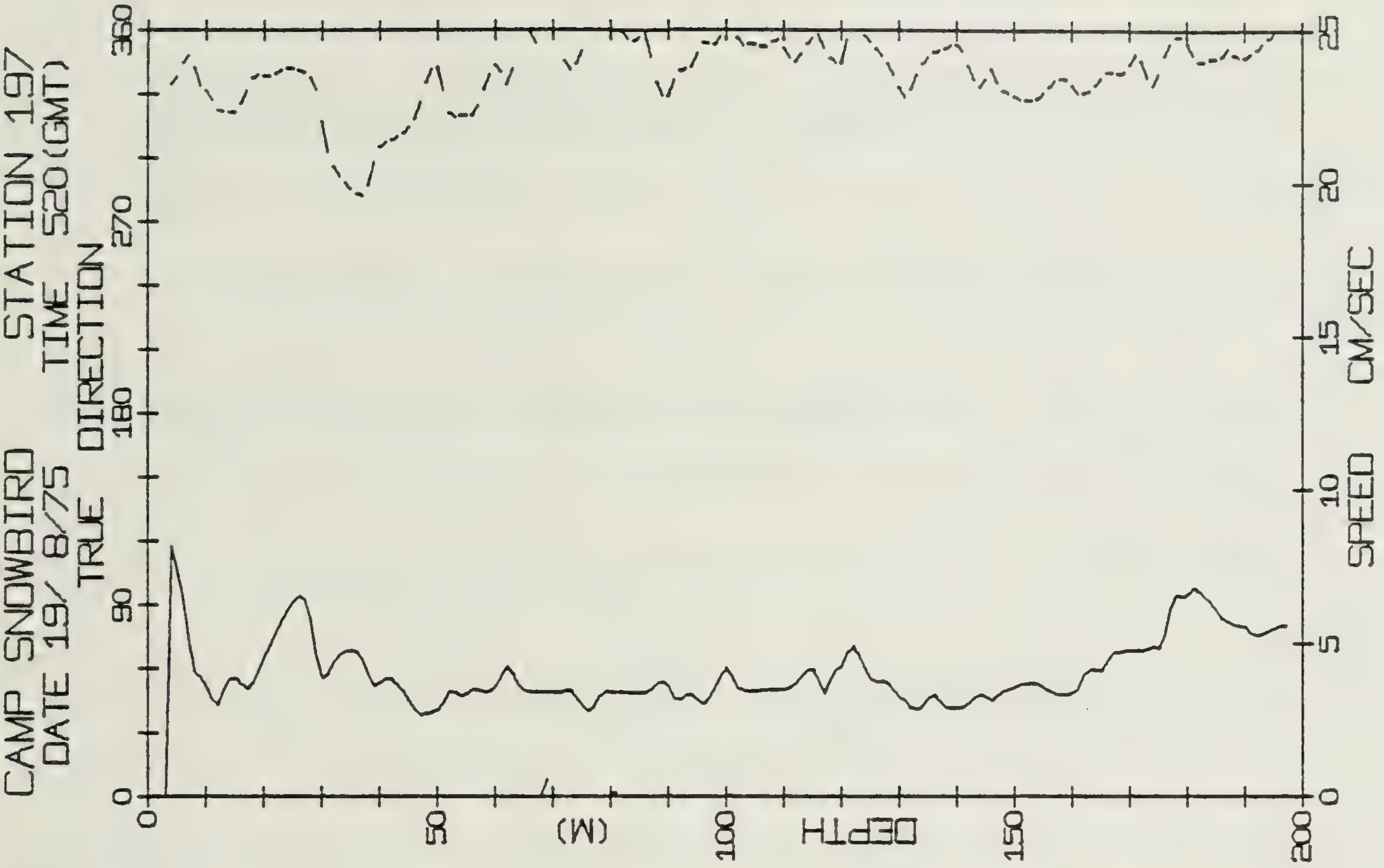
```
SNOWBIRD STATION 189     (196M )       15/AUG/75       2243 GMT
LAT= 75.0481N  LONG= 144.2292W  LTER=       2.   LGER=       4.
NIVEL=  11.5   EIVEL=    0.4    NVER=       0.   EVER=       0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    7.9    20.6      134    9.6    42.1
  1    0.0   999.9       68    8.1    19.0      135    9.4    40.2
  2    0.0   999.9       69    8.1    17.2      136    9.1    37.7
  3    0.0   999.9       70    8.0    16.9      137    9.0    35.9
  4    9.8    19.7       71    7.7    17.4      138    9.0    33.9
  5    9.3    18.7       72    7.7    20.7      139    8.8    32.0
  6    9.1    18.0       73    8.0    25.7      140    8.9    30.4
  7    8.9    16.7       74    8.2    27.6      141    9.1    30.4
  8    8.7    15.1       75    8.3    28.0      142    9.0    33.3
  9    8.5    12.6       76    8.6    27.5      143    9.3    36.1
 10    8.3     9.7       77    9.2    27.3      144    9.6    38.6
 11    8.1     7.0       78   10.0    27.9      145    9.8    42.1
 12    8.1     5.6       79   10.6    28.9      146    9.8    44.1
 13    8.1     4.5       80   10.9    30.2      147    9.5    42.3
 14    8.2     2.9       81   11.0    30.9      148    9.2    40.8
 15    8.3     1.3       82   11.1    31.6      149    9.1    40.6
 16    8.3   359.7       83   11.2    32.4      150    9.0    41.1
 17    8.4   357.7       84   10.9    33.0      151    9.1    38.0
 18    8.5   356.0       85   10.7    34.3      152    9.2    37.6
 19    8.6   355.2       86   10.5    35.8      153    9.5    36.9
 20    8.6   354.6       87   10.1    37.3      154   10.0    35.5
 21    8.5   354.2       88   10.0    34.3      155   10.4    33.9
 22    8.4   353.8       89    9.8    29.6      156   10.5    33.5
 23    8.1   353.1       90    9.4    29.5      157   10.3    33.3
 24    7.9   353.5       91    9.0    30.9      158    9.8    32.3
 25    7.8   353.7       92    9.0    33.6      159    9.3    32.3
 26    7.7   353.6       93    9.3    34.4      160    9.0    33.0
 27    7.8   356.5       94    9.3    34.5      161    8.8    31.6
 28    8.3     1.7       95    9.3    37.2      162    8.8    30.3
 29    8.4     5.1       96    9.5    40.0      163    8.8    32.0
 30    8.9    11.4       97    9.5    42.5      164    9.1    33.8
 31    9.4    13.5       98    9.5    42.7      165    9.5    35.5
 32    9.4    14.6       99    9.3    42.1      166    9.9    36.4
 33    9.3    17.2      100    9.0    39.9      167   10.3    37.0
 34    9.3    20.7      101    9.0    37.5      168   10.1    36.0
 35    9.2    26.3      102    9.2    36.2      169   10.1    34.6
 36    9.0    32.7      103    9.1    38.3      170   10.1    33.1
 37    8.8    36.2      104    8.9    36.4      171   10.1    31.6
 38    8.8    37.1      105    9.1    30.5      172   10.1    30.1
 39    8.9    37.1      106    9.2    30.0      173   10.0    30.6
 40    9.0    36.9      107    9.3    31.5      174    9.9    30.7
 41    8.7    35.5      108    9.6    35.3      175    9.8    30.8
 42    8.3    33.0      109   10.1    38.2      176    9.4    31.2
 43    8.0    31.9      110   10.4    39.0      177    8.9    30.0
 44    7.9    32.3      111   10.6    39.0      178    8.7    26.6
 45    8.1    33.8      112   10.6    38.9      179    8.5    25.2
 46    8.3    35.8      113   10.6    40.0      180    8.6    23.5
 47    8.3    39.4      114   10.5    41.7      181    9.0    23.1
 48    8.2    40.0      115   10.3    42.5      182    9.3    24.4
 49    8.1    39.4      116   10.3    42.3      183    9.6    26.5
 50    8.1    37.3      117   10.3    41.7      184   10.0    29.5
 51    8.3    35.8      118   10.3    41.7      185   10.4    30.6
 52    8.6    34.4      119   10.4    43.0      186   10.7    33.1
 53    8.9    33.7      120   10.6    44.3      187   10.8    35.2
 54    9.2    33.8      121   10.4    44.7      188   10.8    37.2
 55    9.5    37.7      122   10.1    43.6      189   11.1    40.6
 56    9.5    43.4      123   10.0    41.9      190   11.6    43.2
 57    9.4    46.7      124   10.0    39.3      191   11.9    44.7
 58    9.1    47.2      125   10.0    36.6      192   12.0    45.7
 59    8.4    44.7      126   10.0    34.9      193   11.9    45.2
 60    7.6    46.6      127   10.1    35.0      194   11.7    44.7
 61    7.2    50.1      128   10.1    36.1      195   11.6    44.3
 62    7.0    46.2      129   10.1    37.3      196   11.6    44.3
 63    6.8    39.7      130   10.1    38.5
 64    6.8    32.6      131   10.2    39.6
 65    7.1    26.5      132   10.1    40.6
 66    7.5    22.7      133    9.8    41.6
```

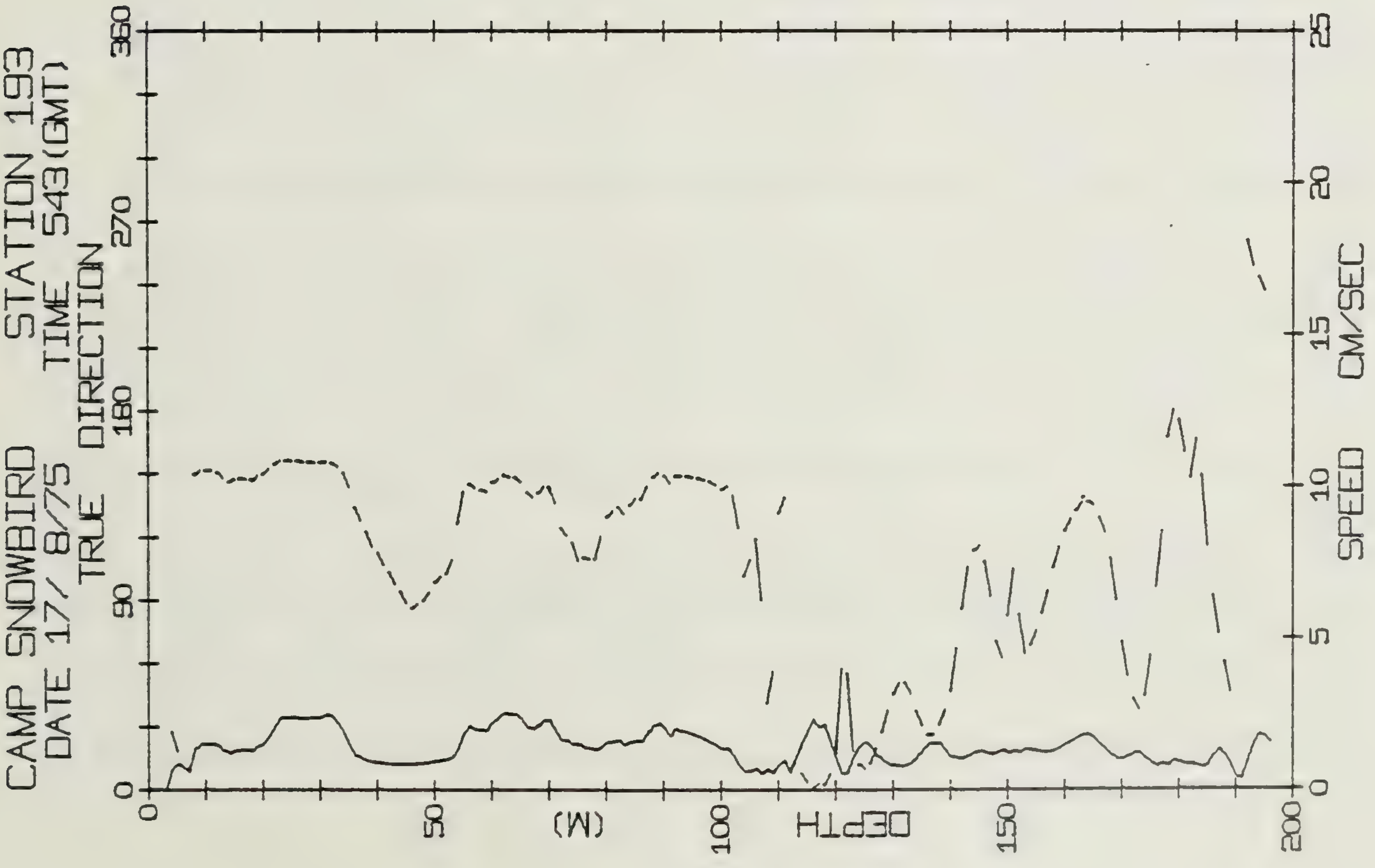

CAMP SNOWBIRD STATION 192
DATE 16/ 8/75 TIME 2342(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 191
DATE 16/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 191     (192M )      16/AUG/75      2243 GMT
LAT= 75.0450N  LONG= 144.0983W  LTER=    1   LGER=     2.
NIVEL= -17.4   EIVEL=  -5.7     NVER=    0   EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   7.5  210.1      134   7.3  205.2
  1   0.0  999.9       68   7.3  210.6      135   7.2  205.2
  2   0.0  999.9       69   7.3  207.9      136   7.1  204.9
  3   0.0  999.9       70   7.3  206.7      137   6.9  205.2
  4  14.2  208.2       71   7.3  208.2      138   6.9  205.4
  5  12.8  213.6       72   7.5  211.9      139   6.9  205.5
  6  12.7  215.7       73   7.5  215.6      140   6.8  204.8
  7  12.1  214.4       74   7.6  219.4      141   6.7  201.3
  8  11.6  213.1       75   7.4  221.4      142   6.6  198.7
  9  11.2  214.3       76   7.2  223.4      143   6.6  194.0
 10  10.8  215.9       77   6.8  225.5      144   6.7  189.8
 11  10.5  217.8       78   6.5  227.0      145   6.7  190.8
 12  10.2  219.1       79   6.2  228.2      146   7.1  190.6
 13  10.0  220.1       80   5.9  226.3      147   7.6  189.3
 14   9.9  220.9       81   5.7  224.0      148   8.1  190.5
 15   9.9  220.8       82   5.5  220.7      149   7.8  191.1
 16   9.9  222.6       83   5.5  216.4      150   7.1  192.6
 17   9.8  228.6       84   5.6  212.0      151   7.0  196.8
 18   9.9  234.6       85   5.9  209.8      152   6.7  198.7
 19   9.9  239.1       86   6.2  208.4      153   6.6  199.1
 20   9.3  238.9       87   6.5  206.2      154   6.7  199.5
 21   8.7  236.6       88   6.6  202.0      155   6.9  199.7
 22   8.4  235.3       89   6.4  203.1      156   7.2  199.8
 23   7.9  234.2       90   6.2  203.6      157   7.3  200.2
 24   7.7  234.9       91   6.2  203.4      158   7.1  200.6
 25   7.6  236.0       92   6.4  202.8      159   7.2  200.1
 26   7.5  236.8       93   6.4  202.3      160   7.2  199.6
 27   7.5  236.4       94   6.1  202.1      161   6.9  203.1
 28   7.5  234.1       95   5.7  202.4      162   6.6  204.2
 29   7.1  228.6       96   5.4  202.9      163   6.2  204.7
 30   6.9  223.3       97   5.3  203.4      164   5.9  204.9
 31   6.8  221.8       98   5.2  203.9      165   5.6  207.3
 32   6.8  220.2       99   5.2  204.4      166   5.4  210.1
 33   6.7  218.3      100   5.2  203.8      167   5.2  211.2
 34   6.8  215.6      101   5.3  197.8      168   5.3  210.7
 35   7.1  211.5      102   5.3  192.4      169   5.4  210.0
 36   7.6  207.8      103   5.3  192.3      170   5.6  209.4
 37   7.9  206.6      104   5.7  192.6      171   5.7  208.8
 38   7.8  208.2      105   6.0  191.0      172   5.8  208.5
 39   7.6  210.4      106   6.2  186.7      173   5.3  201.7
 40   7.6  211.8      107   6.1  184.9      174   4.9  202.9
 41   7.5  212.1      108   5.7  183.5      175   4.5  203.1
 42   7.6  211.7      109   5.5  182.1      176   4.2  188.6
 43   7.8  210.4      110   5.4  182.0      177   4.3  183.2
 44   8.2  208.9      111   5.4  181.9      178   4.4  181.8
 45   8.6  207.5      112   5.4  181.9      179   4.5  182.4
 46   8.6  207.9      113   5.5  181.9      180   4.8  184.0
 47   8.6  208.5      114   5.4  181.7      181   5.2  185.4
 48   8.6  209.9      115   5.3  181.1      182   5.5  186.5
 49   8.6  211.4      116   5.0  179.7      183   5.7  187.3
 50   8.5  212.5      117   4.8  178.3      184   5.9  188.4
 51   8.6  213.0      118   4.6  177.2      185   5.9  186.5
 52   9.1  212.4      119   4.5  176.9      186   5.9  184.1
 53   9.5  212.4      120   5.1  173.6      187   6.0  184.5
 54   9.7  212.4      121   5.5  175.8      188   6.2  185.3
 55   9.8  212.2      122   6.0  178.4      189   6.9  187.2
 56   9.2  213.2      123   6.2  179.5      190   7.8  187.2
 57   8.8  212.2      124   6.1  179.5      191   8.2  186.4
 58   8.7  211.6      125   5.6  183.1      192   9.1  176.3
 59   8.9  210.6      126   5.5  186.9
 60   9.2  209.9      127   5.7  192.2
 61   9.4  209.5      128   5.6  194.1
 62   9.1  209.1      129   5.7  195.4
 63   8.7  208.8      130   6.0  198.7
 64   8.4  208.6      131   6.5  201.2
 65   8.1  209.1      132   6.9  201.4
 66   7.8  209.6      133   7.1  202.7
```

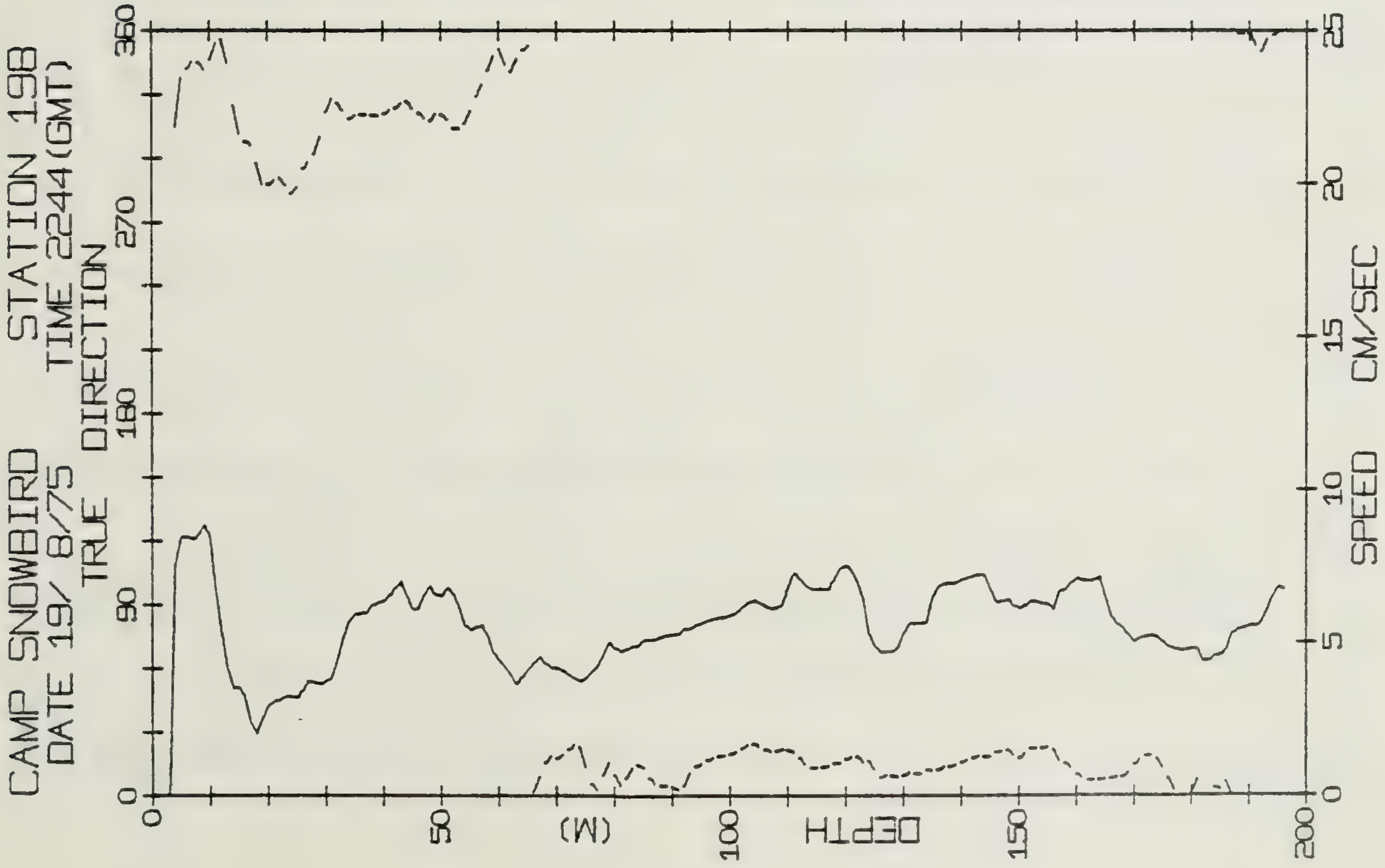
```
SNOWBIRD STATION 192     (100M.)      16/AUG/75      2342 GMT
LAT= 75.0396N  LONG= 144.1066W  LTER=    0.  LGER=     1
NIVEL= -16.4   EIVEL=  -7.1     NVER=    0.  EVER=     0

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67  10.0  204.8
  1   0.0  999.9       68  10.3  203.0
  2   0.0  999.9       69   9.6  203.6
  3   0.0  999.9       70   9.2  207.4
  4  13.8  218.0       71   9.1  213.9
  5  12.6  218.3       72   9.1  218.4
  6  11.8  219.1       73   9.7  218.6
  7  12.0  218.4       74   9.8  218.1
  8  11.4  223.4       75   9.4  219.1
  9  11.2  224.7       76   8.6  224.3
 10  11.2  223.5       77   8.1  229.0
 11  10.8  226.6       78   7.5  230.4
 12  10.6  231.7       79   7.1  230.4
 13  10.7  232.8       80   7.0  231.4
 14  10.8  233.5       81   7.4  235.2
 15  10.1  238.9       82   7.6  237.8
 16   9.6  243.2       83   6.9  234.3
 17   9.2  245.0       84   6.3  222.3
 18   8.9  247.3       85   6.6  207.2
 19   9.0  250.3       86   7.3  199.8
 20   9.7  253.7       87   7.8  200.2
 21  10.6  255.4       88   8.3  202.7
 22  11.0  256.7       89   9.4  203.1
 23  11.0  257.4       90   9.7  202.4
 24  10.3  257.8       91   9.3  203.0
 25   9.2  257.0       92   9.0  206.8
 26   8.1  253.2       93   8.9  210.7
 27   6.8  236.6       94   8.7  211.9
 28   6.8  208.0       95   8.5  212.8
 29   8.0  187.1       96   8.3  213.8
 30  10.0  177.8       97   8.2  214.6
 31  11.4  175.2       98   8.1  215.3
 32  11.3  176.6       99   8.3  215.0
 33   9.9  181.8      100   8.7  214.4
 34   9.0  186.3
 35   8.7  185.6
 36   8.2  188.8
 37   7.8  194.0
 38   7.7  194.2
 39   7.8  194.4
 40   7.9  194.5
 41   8.0  194.7
 42   8.0  194.8
 43   7.9  194.4
 44   7.7  194.1
 45   7.5  193.7
 46   7.4  193.4
 47   7.4  193.4
 48   8.0  194.7
 49   8.8  196.2
 50   9.6  197.4
 51   9.8  197.6
 52   9.6  197.4
 53   9.9  199.9
 54  10.3  202.7
 55  10.5  202.9
 56  10.4  203.0
 57   9.6  203.1
 58   9.1  203.2
 59   9.4  203.4
 60  10.0  203.6
 61   9.7  205.9
 62   9.7  212.8
 63   9.7  217.2
 64   9.3  215.5
 65   9.0  212.9
 66   9.2  208.8
```

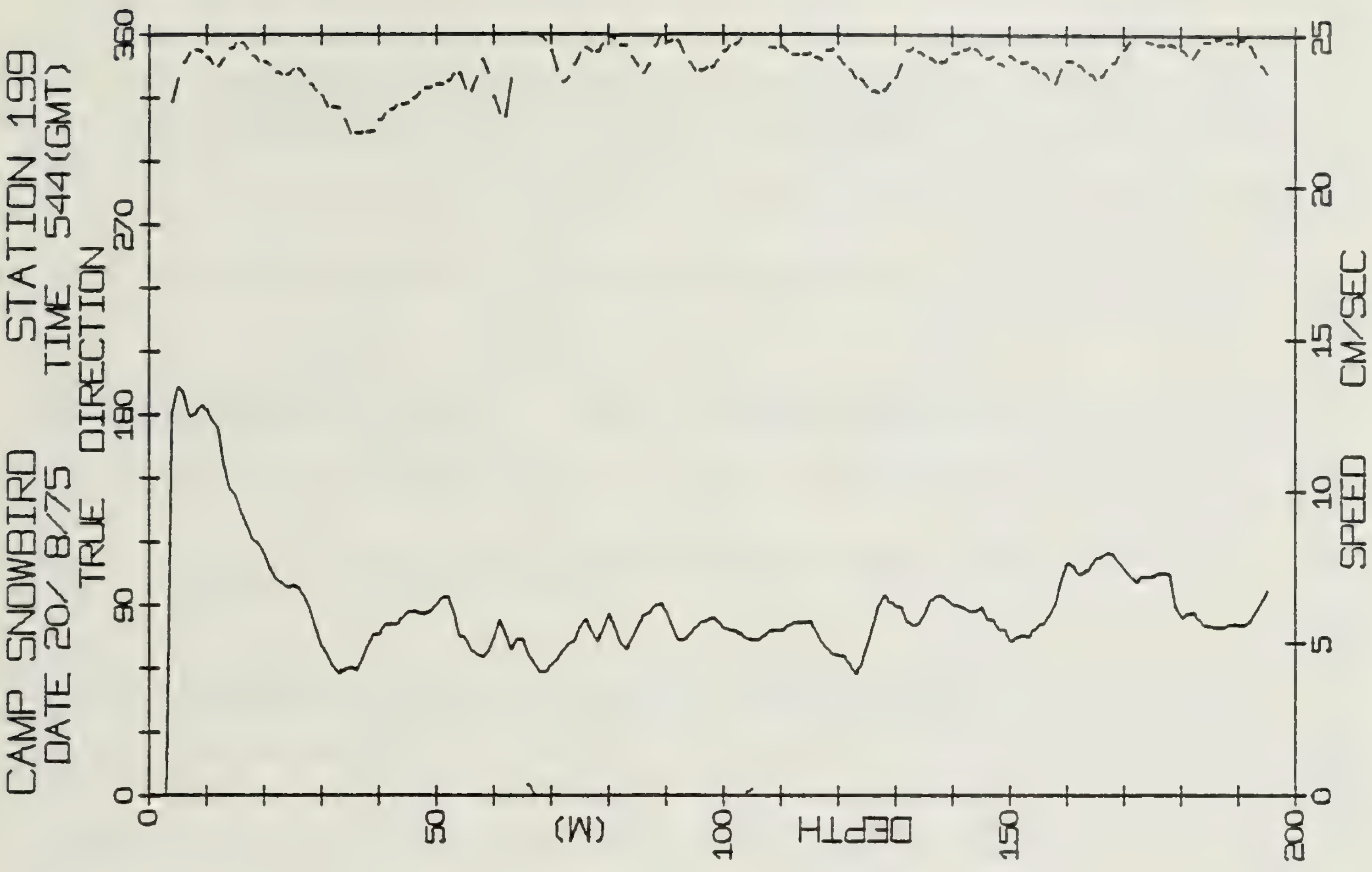

CAMP SNOWBIRD STATION 197
DATE 19/ 8/75 TIME 520(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 193
DATE 17/ 8/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 193     (196M. )       17/AUG/75          543 GMT
LAT= 75 0195N  LONG= 144.1441W  LTER=      2    LGER=       3.
NIVEL=  -5.3   EIVEL=    1.5    NVER=      0.   EVER=       0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    2.0   139.2      134    1.1    37.2
  1    0.0   999.9       68    2.1   141.0      135    1.3    30.8
  2    0.0   999.9       69    2.3   143.7      136    1.5    26.4
  3    0.0   999.9       70    2.3   143.6      137    1.5    26.4
  4    0.7    27.6       71    2.0   136.5      138    1.5    31.1
  5    0.9    18.7       72    1.7   124.2      139    1.3    37.7
  6    0.7    24.6       73    1.7   120.9      140    1.1    47.0
  7    0.6   121.9       74    1.5   117.8      141    1.0    66.7
  8    1.4   149.9       75    1.5   109.5      142    1.0    86.2
  9    1.5   151.7       76    1.4   110.4      143    1.1   105.5
 10    1.5   151.8       77    1.4   109.5      144    1.2   113.6
 11    1.5   151.6       78    1.3   109.9      145    1.3   115.6
 12    1.5   150.8       79    1.4   120.2      146    1.2   108.4
 13    1.3   148.4       80    1.6   129.8      147    1.2    92.1
 14    1.2   146.4       81    1.6   132.3      148    1.2    70.5
 15    1.3   147.6       82    1.7   134.4      149    1.3    62.7
 16    1.3   147.9       83    1.5   131.4      150    1.2    82.7
 17    1.3   147.3       84    1.6   135.2      151    1.3   104.9
 18    1.3   146.9       85    1.6   137.9      152    1.2    83.2
 19    1.5   149.2       86    1.6   138.2      153    1.3    64.7
 20    1.5   150.1       87    1.8   144.0      154    1.3    68.7
 21    1.8   152.3       88    2.1   148.5      155    1.3    75.5
 22    2.1   154.9       89    2.2   150.4      156    1.2    83.8
 23    2.4   156.7       90    2.1   149.3      157    1.2    94.1
 24    2.4   156.6       91    1.8   145.8      158    1.3   105.5
 25    2.4   156.4       92    2.0   149.0      159    1.4   114.9
 26    2.4   156.1       93    2.0   148.9      160    1.5   122.8
 27    2.4   155.9       94    1.9   148.7      161    1.6   128.2
 28    2.4   155.9       95    1.8   148.3      162    1.7   132.8
 29    2.4   155.7       96    1.8   147.8      163    1.8   136.4
 30    2.4   155.7       97    1.7   147.0      164    1.8   136.8
 31    2.5   156.1       98    1.6   146.0      165    1.7   135.1
 32    2.4   155.3       99    1.5   144.7      166    1.5   129.3
 33    2.2   153.6      100    1.4   142.9      167    1.3   122.3
 34    1.9   150.6      101    1.4   144.1      168    1.1   109.7
 35    1.5   144.0      102    1.2   139.8      169    1.0    90.1
 36    1.2   134.3      103    0.8   124.5      170    1.0    70.0
 37    1.0   128.4      104    0.6   101.9      171    1.1    54.1
 38    1.0   122.6      105    0.6   109.5      172    1.2    42.8
 39    0.9   116.0      106    0.7   118.9      173    1.2    38.1
 40    0.9   112.7      107    0.6    90.5      174    1.1    44.5
 41    0.9   107.5      108    0.7    41.4      175    0.9    63.4
 42    0.8   103.7      109    0.6    56.1      176    0.8    96.3
 43    0.8    98.6      110    0.8   131.6      177    0.8   122.4
 44    0.8    94.1      111    1.0   138.5      178    0.8   167.4
 45    0.8    89.0      112    0.6   110.1      179    0.9   180.0
 46    0.9    86.4      113    1.1    17.1      180    0.9   175.5
 47    0.9    88.4      114    1.5     8.0      181    0.8   160.5
 48    0.9    90.0      115    1.9     4.0      182    0.8   148.4
 49    0.9    93.6      116    2.3     1.4      183    0.8   166.0
 50    1.0    98.8      117    2.1     2.9      184    0.7   149.5
 51    1.0   101.3      118    2.2     2.5      185    0.8   115.8
 52    1.0   102.9      119    1.6     7.1      186    1.1    91.7
 53    1.1   109.0      120    1.1    17.4      187    1.3    74.5
 54    1.3   126.8      121    0.5    57.6      188    1.2    60.5
 55    1.8   141.4      122    0.6    55.3      189    0.9    46.8
 56    2.1   145.4      123    1.1    18.6      190    0.4    21.4
 57    2.0   143.6      124    1.4    12.0      191    0.3   296.7
 58    2.0   142.5      125    1.6    10.1      192    0.9   260.3
 59    1.9   141.6      126    1.5    12.6      193    1.5   249.1
 60    2.2   146.0      127    1.2    19.5      194    1.8   243.4
 61    2.4   147.7      128    1.0    27.6      195    1.8   237.1
 62    2.5   149.3      129    0.9    37.3      196    1.6   229.7
 63    2.5   148.5      130    0.8    45.6
 64    2.5   148.3      131    0.8    50.8
 65    2.4   146.3      132    0.8    51.1
 66    2.1   141.4      133    0.9    46.0
```

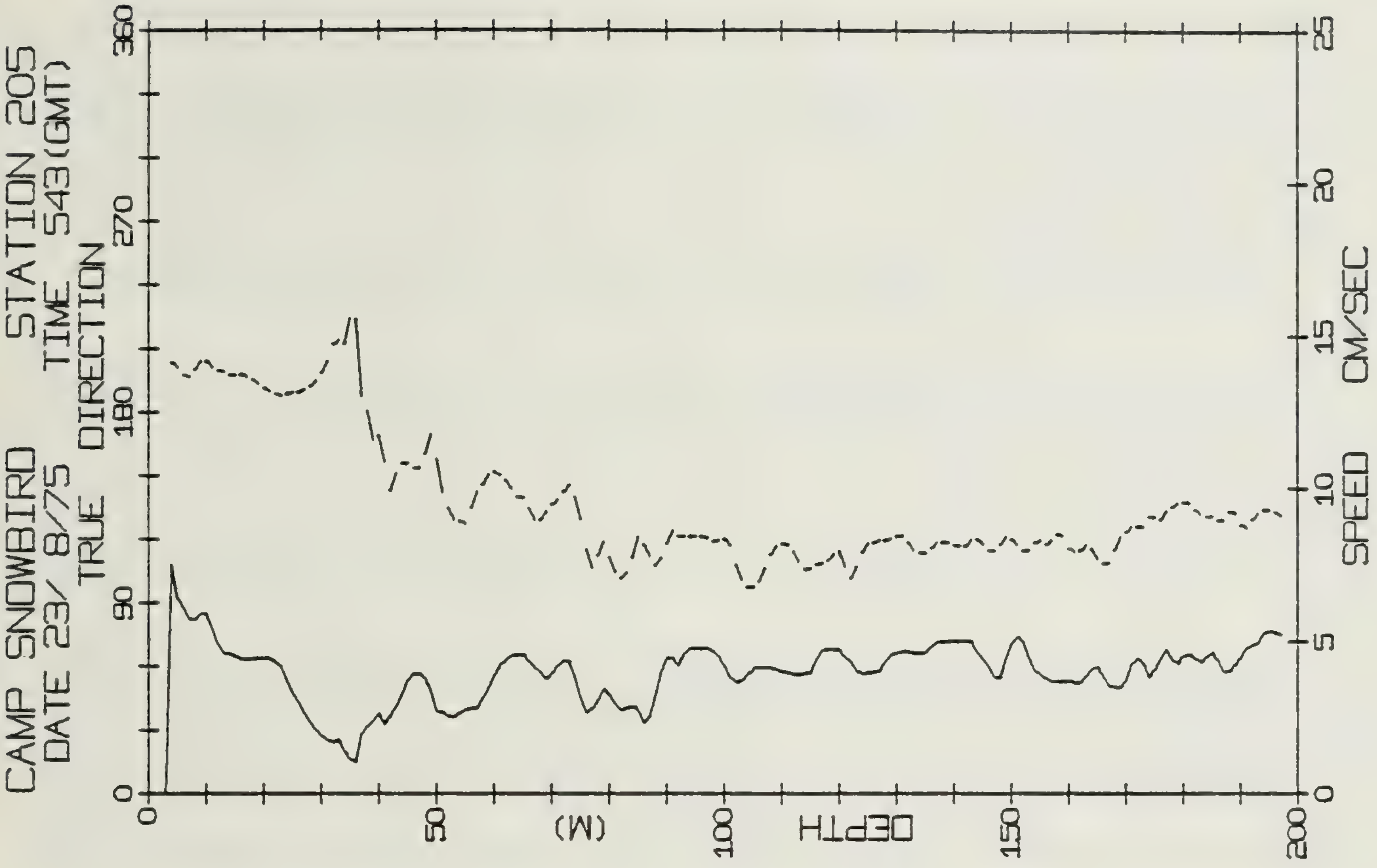
```
SNOWBIRD STATION 197     (197M. )       19/AUG/75          520 GMT
LAT= 75.0013N  LONG= 144.3068W  LTER=      2.   LGER=       3
NIVEL=    3.4  EIVEL=   -6.5    NVER=      0.   EVER=       0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    3.4   354.1      134    3.0   344.6
  1    0.0   999.9       68    3.4     0.8      135    3.2   347.5
  2    0.0   999.9       69    3.4     7.6      136    3.3   349.8
  3    0.0   999.9       70    3.4     6.4      137    3.1   351.0
  4    8.2   334.9       71    3.4   353.2      138    2.9   351.9
  5    7.4   338.1       72    3.5   345.6      139    2.9   353.4
  6    6.4   344.8       73    3.5   341.7      140    2.9   353.4
  7    5.1   348.4       74    3.2   344.3      141    2.9   350.8
  8    4.1   342.7       75    3.0   350.4      142    3.1   343.9
  9    3.9   334.1       76    2.8   358.8      143    3.2   337.0
 10    3.6   331.6       77    3.0     3.2      144    3.3   334.0
 11    3.2   327.4       78    3.3   359.8      145    3.2   337.3
 12    3.0   322.5       79    3.4     0.3      146    3.1   342.1
 13    3.5   321.6       80    3.4     1.8      147    3.3   336.0
 14    3.8   321.3       81    3.4     1.9      148    3.4   332.1
 15    3.9   321.5       82    3.4   358.8      149    3.5   330.5
 16    3.7   325.6       83    3.4   355.9      150    3.6   329.2
 17    3.5   331.3       84    3.4   354.7      151    3.7   327.6
 18    3.7   337.6       85    3.4   356.4      152    3.7   327.1
 19    4.1   339.1       86    3.4   358.0      153    3.7   327.1
 20    4.5   338.4       87    3.5   347.7      154    3.6   328.3
 21    4.9   338.0       88    3.7   335.5      155    3.5   330.6
 22    5.3   339.6       89    3.7   328.9      156    3.4   333.6
 23    5.7   341.5       90    3.6   329.2      157    3.3   336.7
 24    6.0   342.5       91    3.2   336.4      158    3.3   337.5
 25    6.3   342.0       92    3.2   340.7      159    3.3   336.8
 26    6.5   340.8       93    3.3   342.2      160    3.4   334.3
 27    6.4   339.7       94    3.3   343.2      161    3.5   330.8
 28    5.8   337.7       95    3.2   348.9      162    4.0   331.0
 29    4.6   332.0       96    3.0   354.2      163    4.1   332.0
 30    3.9   317.2       97    3.2   353.7      164    4.1   334.6
 31    4.0   302.7       98    3.5   353.2      165    4.1   337.7
 32    4.4   295.9       99    3.9   356.8      166    4.4   340.4
 33    4.6   291.5      100    4.2     0.6      167    4.7   340.4
 34    4.7   288.1      101    3.9     0.4      168    4.7   339.8
 35    4.8   285.1      102    3.5   356.4      169    4.8   340.8
 36    4.7   282.9      103    3.5   353.0      170    4.8   344.4
 37    4.5   282.0      104    3.5   353.7      171    4.8   349.3
 38    4.0   287.1      105    3.5   353.9      172    4.8   346.3
 39    3.6   298.1      106    3.5   352.6      173    4.8   338.3
 40    3.7   305.0      107    3.5   352.6      174    4.9   334.4
 41    3.8   307.1      108    3.5   354.9      175    4.8   339.7
 42    3.8   308.2      109    3.5   355.9      176    5.3   348.4
 43    3.6   309.8      110    3.5   351.8      177    6.1   354.1
 44    3.4   311.3      111    3.6   347.5      178    6.6   357.2
 45    3.1   314.2      112    3.7   345.7      179    6.5   357.3
 46    2.8   318.1      113    3.9   349.2      180    6.6   354.1
 47    2.7   326.0      114    4.1   353.6      181    6.8   348.7
 48    2.7   335.3      115    4.2   356.3      182    6.7   345.7
 49    2.8   342.0      116    3.8   358.0      183    6.5   345.7
 50    2.8   342.8      117    3.4   351.8      184    6.3   347.2
 51    3.1   331.6      118    3.8   347.3      185    6.1   347.0
 52    3.4   321.2      119    4.1   345.3      186    5.8   348.0
 53    3.4   319.3      120    4.3   345.2      187    5.7   351.6
 54    3.3   319.9      121    4.7   355.8      188    5.6   348.9
 55    3.4   320.2      122    4.9     0.9      189    5.5   347.4
 56    3.5   320.3      123    4.6   359.3      190    5.5   347.6
 57    3.5   324.5      124    4.2   357.7      191    5.3   349.3
 58    3.4   332.0      125    3.8   355.0      192    5.2   351.3
 59    3.5   338.8      126    3.7   351.7      193    5.3   354.0
 60    3.6   343.9      127    3.8   348.6      194    5.4   356.7
 61    3.9   340.5      128    3.7   345.0      195    5.5   358.6
 62    4.2   334.5      129    3.5   339.5      196    5.6     0.1
 63    4.0   341.7      130    3.2   333.5      197    5.6     0.1
 64    3.6   353.3      131    3.1   328.7
 65    3.5     7.7      132    2.9   332.3
 66    3.4   359.5      133    2.8   339.4
```

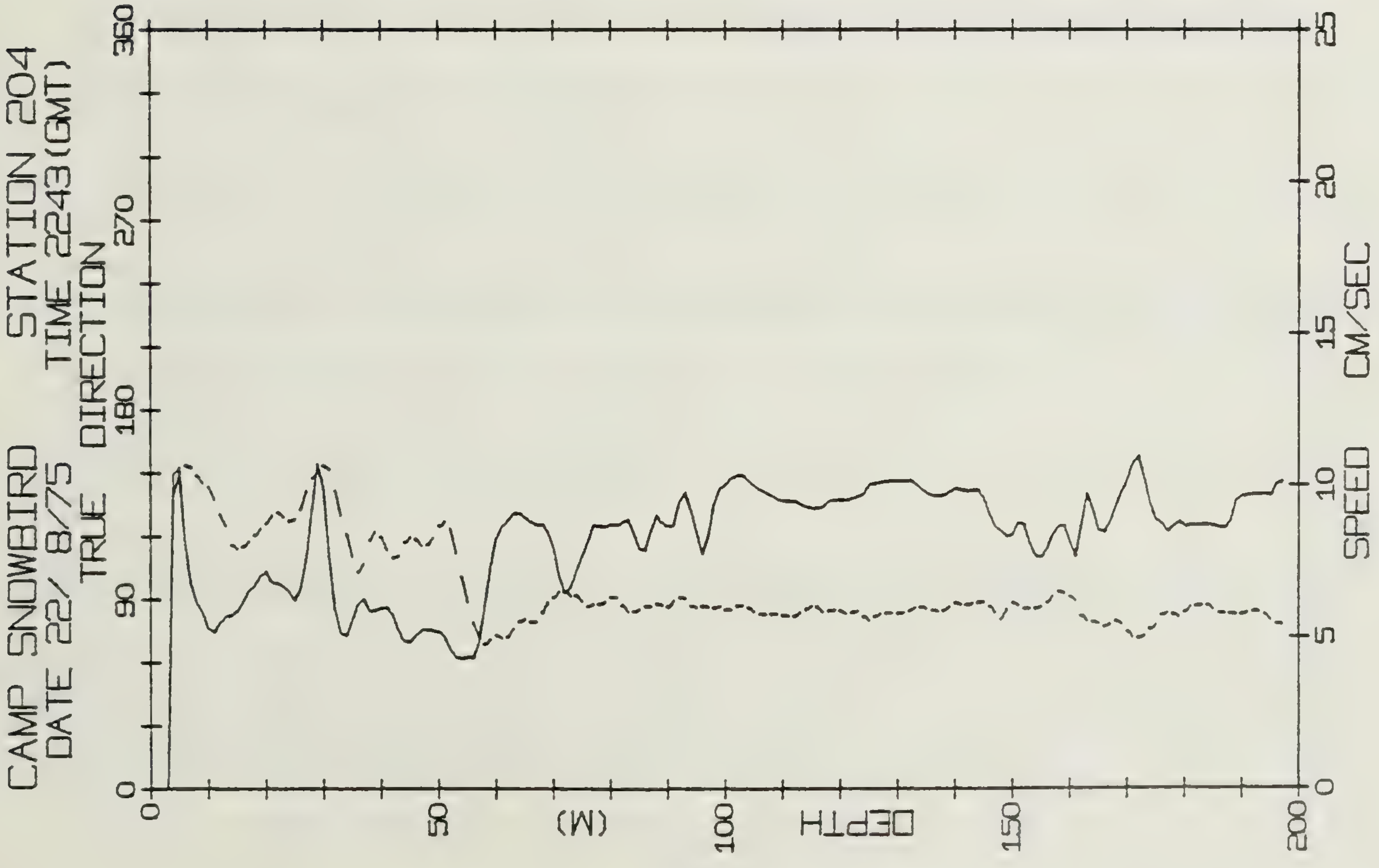

CAMP SNOWBIRD
STATION 198
DATE 19/ 8/75
TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD
STATION 199
DATE 20/ 8/75
TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 198     (196M.)      19/AUG/75      2244 GMT
LAT= 75.0178N  LONG= 144.4417W  LTER=     0.   LGER=     0.
NIVEL=    3.3   EIVEL=   -9.7   NVER=     0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    4.5    8.7      134    5.7   11.9
  1    0.0  999.9       68    4.3   15.2      135    6.5   11.5
  2    0.0  999.9       69    4.2   18.5      136    6.8   12.3
  3    0.0  999.9       70    4.2   17.6      137    6.9   13.8
  4    7.6  315.1       71    4.1   19.0      138    6.9   13.9
  5    8.4  337.7       72    4.0   21.5      139    7.0   14.6
  6    8.5  342.0       73    3.8   24.0      140    7.1   15.8
  7    8.4  345.5       74    3.8   22.7      141    7.1   16.8
  8    8.5  344.6       75    3.9   13.7      142    7.2   17.8
  9    8.8  341.8       76    4.0    5.8      143    7.3   18.7
 10    8.5  346.2       77    4.2    2.7      144    7.2   17.9
 11    6.7  354.5       78    4.6    9.7      145    6.8   18.4
 12    5.4  355.5       79    5.0   15.2      146    6.3   20.2
 13    4.2  344.7       80    4.8    9.8      147    6.4   21.0
 14    3.5  324.9       81    4.7    5.2      148    6.4   21.5
 15    3.5  311.6       82    4.8    8.4      149    6.2   19.2
 16    3.2  308.1       83    4.9   12.6      150    6.1   17.5
 17    2.4  306.2       84    4.9   14.2      151    6.2   19.6
 18    2.0  297.6       85    5.1   13.0      152    6.3   22.0
 19    2.5  287.7       86    5.1    8.4      153    6.3   22.4
 20    2.9  287.5       87    5.1    5.6      154    6.3   22.6
 21    3.1  289.3       88    5.2    4.7      155    6.3   23.2
 22    3.1  290.4       89    5.2    5.0      156    6.1   21.5
 23    3.2  287.4       90    5.3    3.6      157    6.7   16.2
 24    3.2  283.7       91    5.3    2.8      158    6.7   15.0
 25    3.2  286.3       92    5.5    4.8      159    7.0   13.4
 26    3.4  295.1       93    5.5   10.5      160    7.1   10.1
 27    3.8  298.4       94    5.6   13.7      161    7.0    8.3
 28    3.7  301.9       95    5.7   15.2      162    7.0    7.2
 29    3.7  309.7       96    5.7   16.6      163    7.1    7.5
 30    3.8  321.6       97    5.8   17.8      164    7.1    7.7
 31    3.9  327.8       98    5.8   18.8      165    6.5    8.0
 32    4.4  326.0       99    5.9   19.2      166    5.9    8.4
 33    5.1  321.9      100    5.9   19.5      167    5.6    8.7
 34    5.7  318.7      101    6.0   20.6      168    5.5    8.8
 35    5.9  320.0      102    6.2   22.5      169    5.2   10.8
 36    6.0  320.6      103    6.3   24.0      170    5.0   14.4
 37    6.0  320.0      104    6.4   24.7      171    5.1   16.6
 38    6.2  320.0      105    6.3   23.2      172    5.2   18.5
 39    6.3  319.6      106    6.2   21.8      173    5.2   18.9
 40    6.4  320.8      107    6.1   20.6      174    5.2   17.1
 41    6.6  322.4      108    6.2   21.2      175    5.0   13.0
 42    6.8  323.9      109    6.2   22.2      176    4.9    8.0
 43    7.0  325.7      110    6.8   21.5      177    4.8    2.6
 44    6.6  326.6      111    7.3   20.2      178    4.7  359.2
 45    6.1  323.6      112    7.1   17.9      179    4.8    1.1
 46    6.1  321.2      113    6.9   15.0      180    4.8    1.2
 47    6.6  318.9      114    6.7   13.4      181    4.8    7.2
 48    6.9  317.4      115    6.7   13.4      182    4.4    1.2
 49    6.6  320.7      116    6.7   13.6      183    4.4  355.7
 50    6.5  320.2      117    6.8   14.1      184    4.6    3.5
 51    6.8  318.0      118    7.1   15.3      185    4.6    2.9
 52    6.6  314.1      119    7.5   15.8      186    4.8    6.4
 53    6.2  313.6      120    7.5   17.1      187    5.3    0.4
 54    5.6  316.3      121    7.4   18.5      188    5.4  358.4
 55    5.5  321.8      122    7.0   18.1      189    5.5  358.3
 56    5.5  329.3      123    6.4   16.0      190    5.6  358.9
 57    5.6  334.3      124    5.3   16.2      191    5.5  353.6
 58    5.3  341.1      125    4.9   12.1      192    5.6  350.6
 59    4.7  348.2      126    4.7    8.7      193    6.0  355.6
 60    4.4  351.4      127    4.7    9.7      194    6.5  358.1
 61    4.2  344.0      128    4.7    8.9      195    6.8  359.6
 62    4.0  340.8      129    4.8    8.7      196    6.7  358.8
 63    3.7  346.3      130    5.3    9.7
 64    3.9  351.0      131    5.6   11.1
 65    4.1  352.9      132    5.6   10.2
 66    4.3    2.1      133    5.6   10.1
```

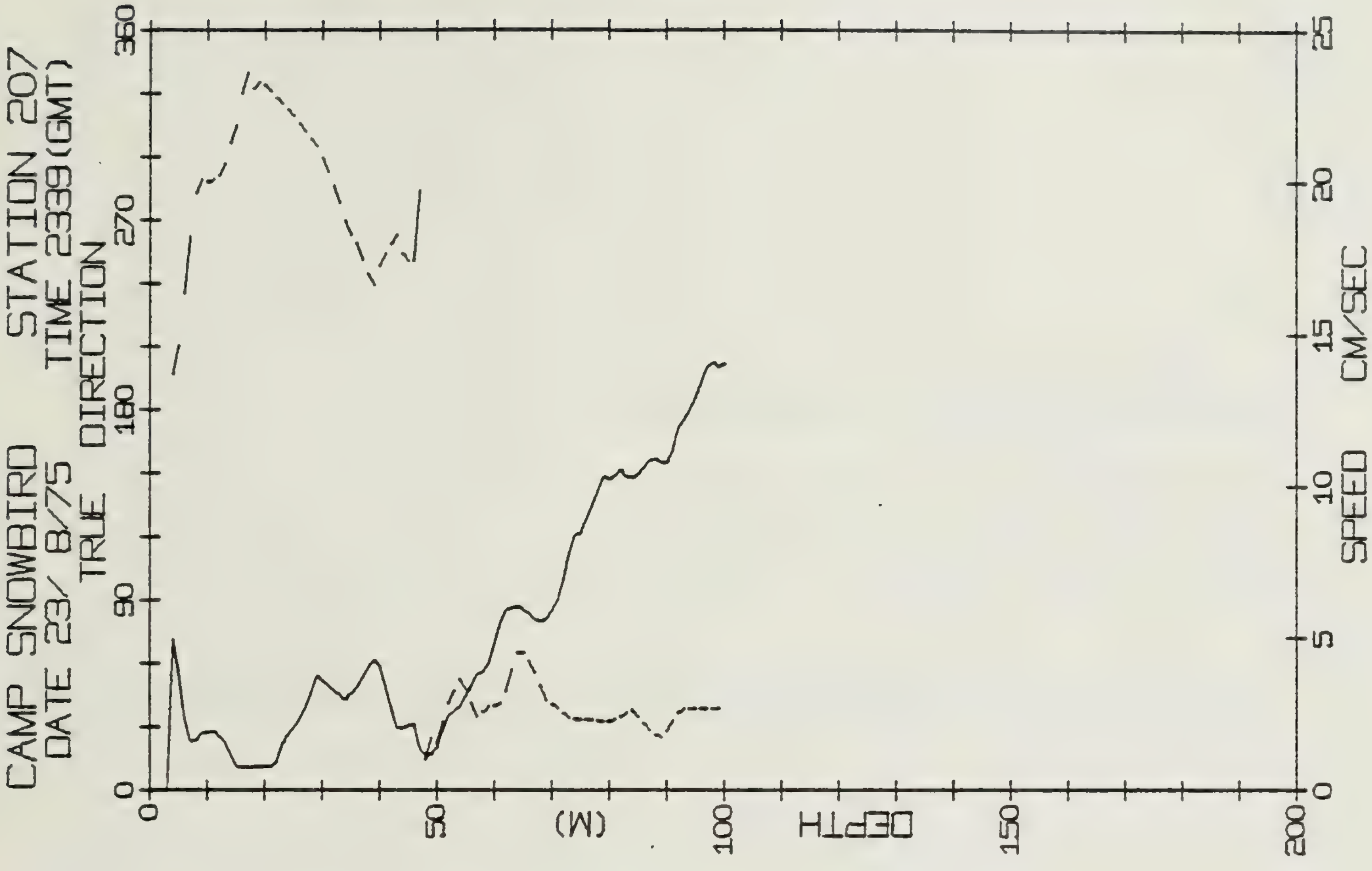
```
SNOWBIRD STATION 199     (195M.)      20/AUG/75       544 GMT
LAT= 75.0332N  LONG= 144.5695W  LTER=     2    LGER=     3.
NIVEL=   10.3   EIVEL= -12.8    NVER=     0.   EVER=     0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    4.3    1.0      134    5.7  352.4
  1    0.0  999.9       68    4.1  359.2      135    6.0  350.5
  2    0.0  999.9       69    4.1  357.3      136    6.4  349.4
  3    0.0  999.9       70    4.3  352.6      137    6.6  347.3
  4   12.6  328.6       71    4.5  343.2      138    6.6  347.2
  5   13.4  339.1       72    4.8  337.8      139    6.4  349.0
  6   13.2  346.6       73    5.0  339.7      140    6.3  351.4
  7   12.5  351.5       74    5.1  345.9      141    6.2  352.4
  8   12.5  353.0       75    5.6  351.5      142    6.1  353.4
  9   12.8  352.1       76    5.8  353.7      143    6.0  354.7
 10   12.7  349.7       77    5.4  352.2      144    6.1  353.8
 11   12.3  346.5       78    5.1  352.1      145    6.2  351.0
 12   12.1  345.2       79    5.5  356.2      146    5.8  349.3
 13   10.9  349.3       80    6.0  359.7      147    5.8  350.3
 14   10.1  353.5       81    5.6  358.0      148    5.5  346.6
 15    9.9  355.7       82    5.0  355.3      149    5.5  345.6
 16    9.3  356.6       83    4.8  354.9      150    5.1  350.6
 17    8.9  354.0       84    5.2  349.7      151    5.2  348.8
 18    8.4  350.1       85    5.6  345.2      152    5.3  347.4
 19    8.3  347.9       86    5.9  342.0      153    5.2  348.0
 20    8.0  347.1       87    6.0  345.7      154    5.4  345.1
 21    7.5  345.3       88    6.2  354.6      155    5.6  343.1
 22    7.1  342.3       89    6.3  359.8      156    5.7  342.3
 23    7.0  341.0       90    6.1  356.7      157    6.0  339.5
 24    6.8  341.2       91    5.6  357.6      158    6.3  337.8
 25    6.9  343.6       92    5.1  357.3      159    7.1  344.3
 26    6.8  343.5       93    5.1  352.0      160    7.7  348.3
 27    6.5  340.3       94    5.3  347.0      161    7.6  347.9
 28    6.1  336.8       95    5.5  343.1      162    7.3  346.2
 29    5.5  333.5       96    5.7  343.2      163    7.4  343.9
 30    4.9  331.3       97    5.8  344.6      164    7.5  342.1
 31    4.6  326.3       98    5.9  345.0      165    7.8  339.7
 32    4.2  325.7       99    5.7  348.1      166    7.9  340.8
 33    4.0  325.1      100    5.5  352.4      167    8.0  344.3
 34    4.1  319.7      101    5.4  354.7      168    7.9  347.0
 35    4.2  313.4      102    5.4  355.8      169    7.7  350.3
 36    4.1  313.2      103    5.3  358.1      170    7.4  353.7
 37    4.4  313.8      104    5.1    1.8      171    7.2  357.3
 38    4.9  314.1      105    5.1    3.2      172    7.0    0.9
 39    5.3  314.5      106    5.1    1.2      173    7.2  357.6
 40    5.3  319.6      107    5.3  357.5      174    7.2  357.4
 41    5.6  322.4      108    5.4  354.2      175    7.3  356.7
 42    5.6  324.3      109    5.5  353.8      176    7.3  355.8
 43    5.6  326.5      110    5.4  354.9      177    7.3  355.6
 44    5.8  327.3      111    5.6  352.5      178    7.3  356.2
 45    6.0  328.0      112    5.7  351.0      179    6.2  354.7
 46    6.1  330.0      113    5.7  351.1      180    5.9  353.6
 47    6.0  332.6      114    5.7  351.2      181    6.0  351.4
 48    6.0  334.7      115    5.7  351.4      182    6.0  350.0
 49    6.1  335.5      116    5.4  349.6      183    5.8  353.8
 50    6.3  336.7      117    5.1  348.3      184    5.6  357.3
 51    6.5  336.7      118    4.8  352.8      185    5.6  357.6
 52    6.5  338.5      119    4.6  353.6      186    5.5  358.6
 53    6.0  341.2      120    4.6  349.7      187    5.5  359.3
 54    5.2  342.0      121    4.6  346.1      188    5.6  357.2
 55    5.2  334.8      122    4.3  343.9      189    5.6  356.8
 56    4.8  333.5      123    4.0  339.9      190    5.6  358.2
 57    4.6  339.9      124    4.3  338.9      191    5.6  358.8
 58    4.6  348.0      125    4.9  335.8      192    5.8  356.0
 59    4.7  341.8      126    5.6  333.6      193    6.0  351.0
 60    5.2  330.7      127    6.3  332.7      194    6.4  346.3
 61    5.8  322.9      128    6.6  334.1      195    6.7  342.4
 62    5.3  321.4      129    6.4  337.4
 63    4.8  339.2      130    6.2  339.9
 64    5.1  353.4      131    6.2  346.0
 65    5.1    2.5      132    5.7  352.5
 66    4.6    5.2      133    5.6  354.4
```

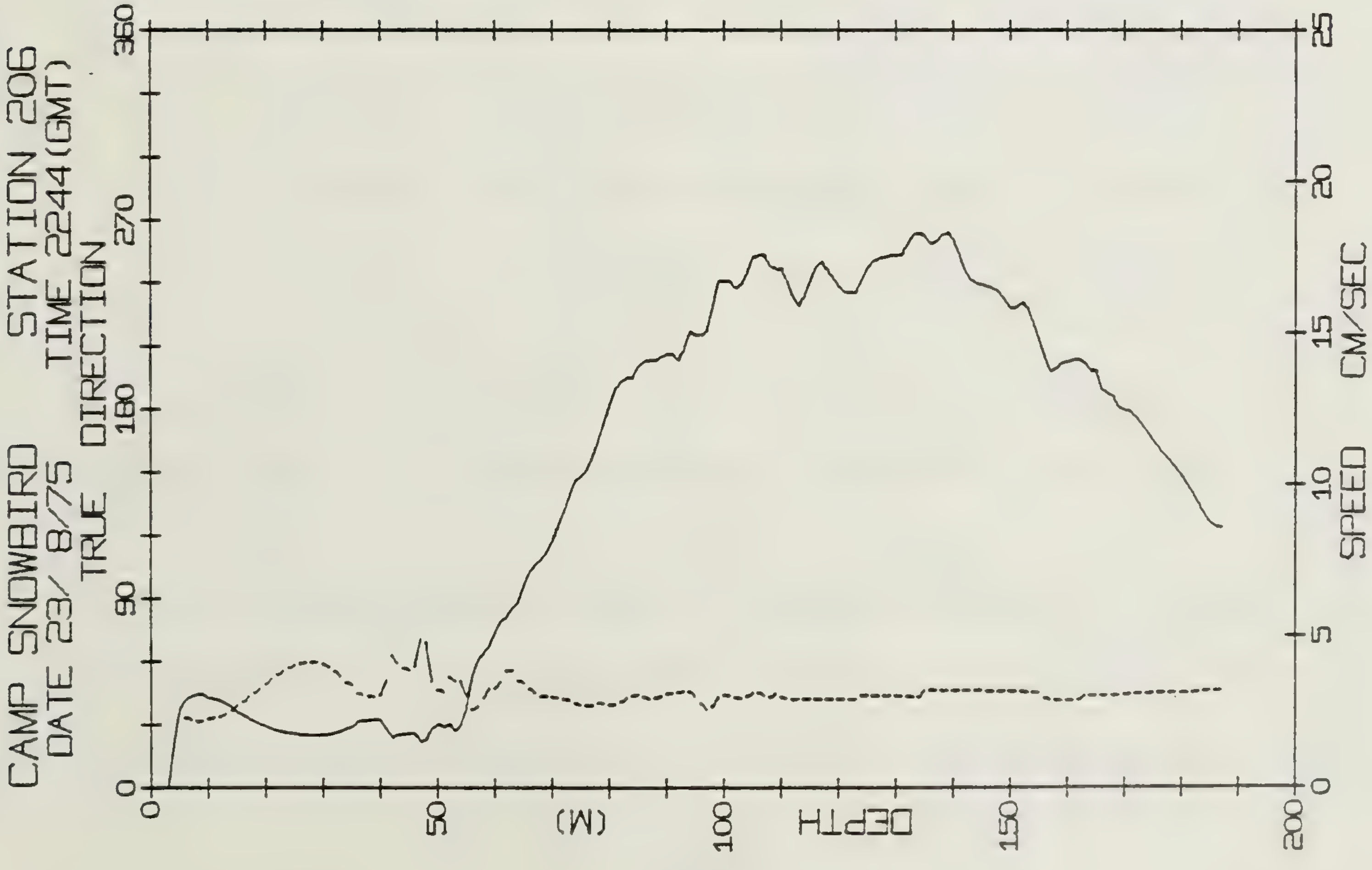

CAMP SNOWBIRD
DATE 23/ 8/75
STATION 205
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
DATE 22/ 8/75
STATION 204
TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 204     (197M.)     22/AUG/75     2243 GMT
LAT= 75.0160N  LONG= 144.7997W  LTER=     0.  LGER=     0.
NIVEL=  -7.5   EIVEL=  11.8     NVER=     0.  EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    8.7    79.5      134    9.9    86.4
  1    0.0   999.9       68    8.7    83.8      135    9.8    85.5
  2    0.0   999.9       69    8.5    88.5      136    9.7    84.6
  3    0.0   999.9       70    8.0    91.0      137    9.6    84.1
  4   10.4   140.4       71    7.1    93.7      138    9.7    84.8
  5   10.6   148.6       72    6.5    93.9      139    9.8    86.4
  6    8.1   153.8       73    6.6    92.1      140    9.9    88.1
  7    6.8   152.5       74    7.2    91.9      141    9.8    87.2
  8    6.1   149.1       75    7.7    89.2      142    9.8    87.1
  9    5.8   145.4       76    8.1    86.9      143    9.9    88.1
 10    5.3   143.6       77    8.7    87.7      144    9.8    88.5
 11    5.2   137.7       78    8.7    87.9      145    9.6    88.7
 12    5.5   130.6       79    8.6    88.8      146    9.1    86.6
 13    5.7   124.9       80    8.7    91.0      147    8.6    83.7
 14    5.7   116.0       81    8.7    90.8      148    8.5    80.5
 15    5.9   114.1       82    8.8    87.3      149    8.3    85.1
 16    6.2   115.2       83    8.9    84.5      150    8.4    88.1
 17    6.5   117.5       84    8.4    84.2      151    8.8    86.8
 18    6.7   120.3       85    7.9    85.4      152    8.7    85.4
 19    7.0   123.2       86    7.9    86.5      153    8.1    85.5
 20    7.2   126.2       87    8.5    86.6      154    7.7    85.6
 21    6.8   129.7       88    9.0    87.9      155    7.6    86.3
 22    6.8   131.3       89    8.8    87.1      156    7.9    88.5
 23    6.7   129.3       90    8.6    86.4      157    8.4    91.1
 24    6.5   127.5       91    8.7    89.2      158    8.6    93.3
 25    6.2   128.3       92    9.5    90.9      159    8.7    92.8
 26    6.6   133.0       93    9.8    90.4      160    8.1    91.2
 27    7.6   141.4       94    9.2    86.8      161    7.7    89.2
 28    9.2   147.7       95    8.5    85.9      162    8.7    82.2
 29   10.7   151.2       96    7.7    86.9      163    9.7    80.0
 30   10.0   153.7       97    8.3    86.2      164    9.2    78.9
 31    7.7   151.7       98    9.4    85.9      165    8.5    78.2
 32    5.9   141.8       99    9.9    86.8      166    8.5    76.9
 33    5.2   130.1      100   10.1    85.3      167    8.8    78.1
 34    5.1   121.1      101   10.2    85.2      168    9.3    79.6
 35    5.6   110.5      102   10.3    86.8      169    9.8    78.0
 36    6.1   103.4      103   10.3    87.1      170   10.2    74.6
 37    6.3   107.3      104   10.2    85.9      171   10.7    71.9
 38    5.9   118.1      105   10.0    84.2      172   11.0    71.4
 39    5.9   122.6      106    9.8    83.1      173   10.2    72.7
 40    6.0   119.7      107    9.8    82.9      174    9.4    75.7
 41    6.0   113.7      108    9.7    83.2      175    8.9    77.7
 42    5.8   110.0      109    9.5    83.1      176    8.8    82.3
 43    5.3   111.0      110    9.5    82.4      177    8.5    83.5
 44    4.9   117.1      111    9.5    81.9      178    8.6    82.8
 45    4.8   119.6      112    9.5    82.2      179    8.8    81.4
 46    5.1   118.5      113    9.4    83.9      180    8.7    83.8
 47    5.2   115.7      114    9.3    85.6      181    8.7    86.2
 48    5.3   116.2      115    9.3    86.8      182    8.7    86.8
 49    5.2   119.5      116    9.3    86.1      183    8.7    87.2
 50    5.2   124.9      117    9.3    84.0      184    8.7    87.1
 51    5.1   127.1      118    9.5    84.7      185    8.6    85.2
 52    4.6   123.6      119    9.6    85.0      186    8.6    83.5
 53    4.4   112.3      120    9.5    84.3      187    8.6    82.9
 54    4.3   101.0      121    9.5    83.1      188    8.8    82.7
 55    4.4    89.0      122    9.6    83.8      189    9.5    82.5
 56    4.3    79.0      123    9.7    84.5      190    9.7    83.0
 57    4.8    72.5      124    9.7    82.1      191    9.7    83.7
 58    6.0    68.8      125   10.0    80.2      192    9.7    84.1
 59    7.3    70.8      126   10.1    81.8      193    9.7    84.0
 60    8.2    73.0      127   10.1    83.2      194    9.7    82.5
 61    8.6    71.9      128   10.2    83.6      195    9.7    80.0
 62    8.9    72.5      129   10.1    83.4      196   10.0    78.3
 63    9.1    76.0      130   10.1    83.2      197   10.1    77.7
 64    9.1    79.8      131   10.2    83.9
 65    9.0    80.7      132   10.2    84.9
 66    8.8    79.3      133   10.1    86.2
```

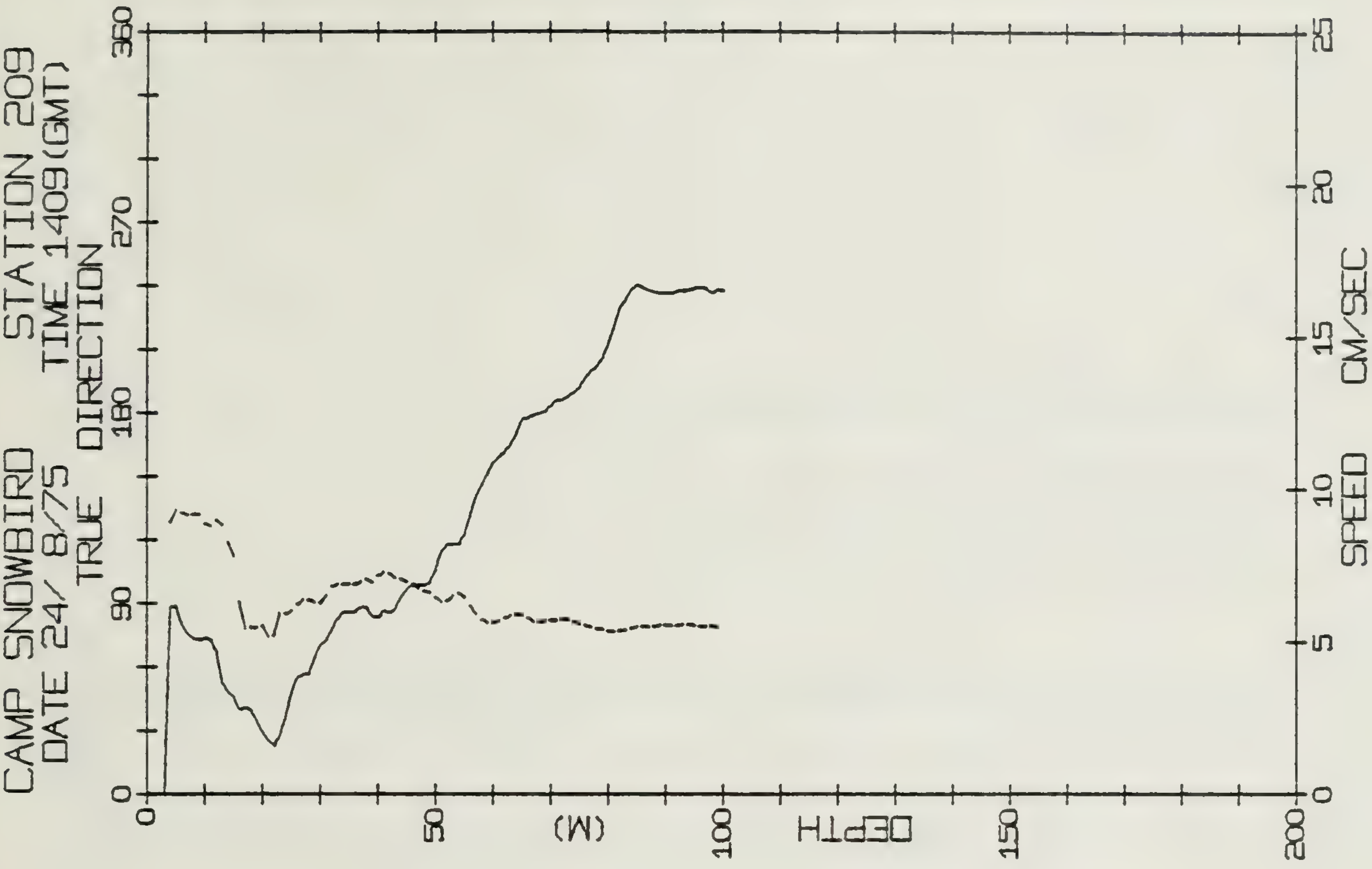
```
SNOWBIRD STATION 205     (197M.)     23/AUG/75      543 GMT
LAT= 74.9899N  LONG= 144.7492W  LTER=    17   LGER=    20
NIVEL=  -9.0   EIVEL=   1.5     NVER=     1.  EVER=     2.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    4.1   129.8      134    4.6   113.6
  1    0.0   999.9       68    4.0   129.2      135    4.6   113.7
  2    0.0   999.9       69    3.8   133.1      136    4.8   115.8
  3    0.0   999.9       70    3.9   136.4      137    5.0   118.6
  4    7.5   203.1       71    4.2   138.7      138    5.0   118.7
  5    6.4   200.8       72    4.3   142.4      139    5.0   118.4
  6    6.1   197.3       73    4.3   145.4      140    5.0   117.3
  7    5.7   196.2       74    3.9   140.1      141    5.0   116.9
  8    5.7   199.7       75    3.2   129.9      142    5.0   117.0
  9    5.9   203.7       76    2.7   115.1      143    5.0   119.6
 10    5.9   204.0       77    2.8   106.8      144    4.6   120.2
 11    5.4   201.2       78    3.0   112.3      145    4.4   117.9
 12    4.9   199.3       79    3.4   118.8      146    4.2   114.8
 13    4.6   198.6       80    3.3   111.3      147    3.8   114.7
 14    4.6   197.3       81    3.0   105.0      148    3.8   117.4
 15    4.5   197.2       82    2.7   101.9      149    4.4   121.0
 16    4.4   197.7       83    2.8   104.5      150    4.9   119.9
 17    4.4   196.3       84    2.9   111.6      151    5.1   117.6
 18    4.4   195.0       85    2.7   120.9      152    5.0   115.0
 19    4.4   193.1       86    2.3   117.3      153    4.5   115.2
 20    4.4   191.3       87    2.5   112.6      154    4.1   118.7
 21    4.4   189.6       88    3.2   107.9      155    3.9   119.6
 22    4.3   188.3       89    4.0   111.2      156    3.8   117.6
 23    4.2   187.3       90    4.4   117.8      157    3.7   119.7
 24    3.7   188.5       91    4.4   124.1      158    3.7   122.7
 25    3.3   189.5       92    4.2   121.6      159    3.7   121.2
 26    3.0   189.7       93    4.6   121.5      160    3.7   116.0
 27    2.7   190.8       94    4.8   121.3      161    3.6   114.2
 28    2.4   192.2       95    4.8   121.3      162    3.7   114.9
 29    2.1   194.5       96    4.8   121.0      163    3.9   117.2
 30    1.9   198.5       97    4.8   120.6      164    4.1   115.4
 31    1.8   203.3       98    4.7   118.9      165    4.2   111.1
 32    1.7   212.0       99    4.5   119.7      166    3.9   109.0
 33    1.8   213.7      100    4.2   120.1      167    3.6   109.1
 34    1.4   212.2      101    3.8   117.2      168    3.5   115.0
 35    1.1   224.3      102    3.7   108.0      169    3.5   121.1
 36    1.0   223.4      103    3.7   101.3      170    3.7   123.7
 37    2.0   187.6      104    3.9    97.3      171    4.3   126.2
 38    2.2   180.5      105    4.1    97.5      172    4.4   126.5
 39    2.4   167.3      106    4.1   100.1      173    4.3   125.9
 40    2.6   168.6      107    4.2   106.1      174    3.8   131.0
 41    2.3   156.8      108    4.1   112.7      175    4.1   130.5
 42    2.5   143.2      109    4.1   116.5      176    4.4   129.3
 43    2.9   151.0      110    4.0   118.0      177    4.7   133.2
 44    3.2   155.8      111    4.0   117.1      178    4.4   135.5
 45    3.7   155.7      112    3.9   114.0      179    4.3   137.5
 46    3.9   153.7      113    3.9   109.4      180    4.5   138.0
 47    3.9   153.8      114    3.9   106.0      181    4.6   137.1
 48    3.8   160.3      115    4.0   106.7      182    4.4   134.4
 49    3.4   169.2      116    4.4   108.2      183    4.3   131.9
 50    2.7   158.0      117    4.7   108.8      184    4.5   131.1
 51    2.7   142.4      118    4.7   110.2      185    4.6   131.3
 52    2.5   134.6      119    4.8   113.0      186    4.4   129.3
 53    2.5   129.6      120    4.7   114.2      187    4.0   128.9
 54    2.6   128.4      121    4.5   107.6      188    4.0   133.1
 55    2.8   127.4      122    4.3   101.8      189    4.2   132.6
 56    2.8   134.7      123    4.0   107.1      190    4.5   127.1
 57    2.8   142.0      124    3.9   114.2      191    4.8   125.8
 58    3.1   145.8      125    4.0   118.2      192    4.9   129.5
 59    3.5   150.4      126    4.0   118.9      193    5.0   132.2
 60    3.9   152.0      127    4.1   119.6      194    5.3   134.0
 61    4.2   150.4      128    4.3   119.7      195    5.4   134.3
 62    4.4   147.9      129    4.5   120.6      196    5.3   132.9
 63    4.5   143.8      130    4.6   121.8      197    5.2   131.4
 64    4.6   140.0      131    4.7   121.7
 65    4.5   139.3      132    4.6   118.7
 66    4.4   134.4      133    4.6   114.7
```

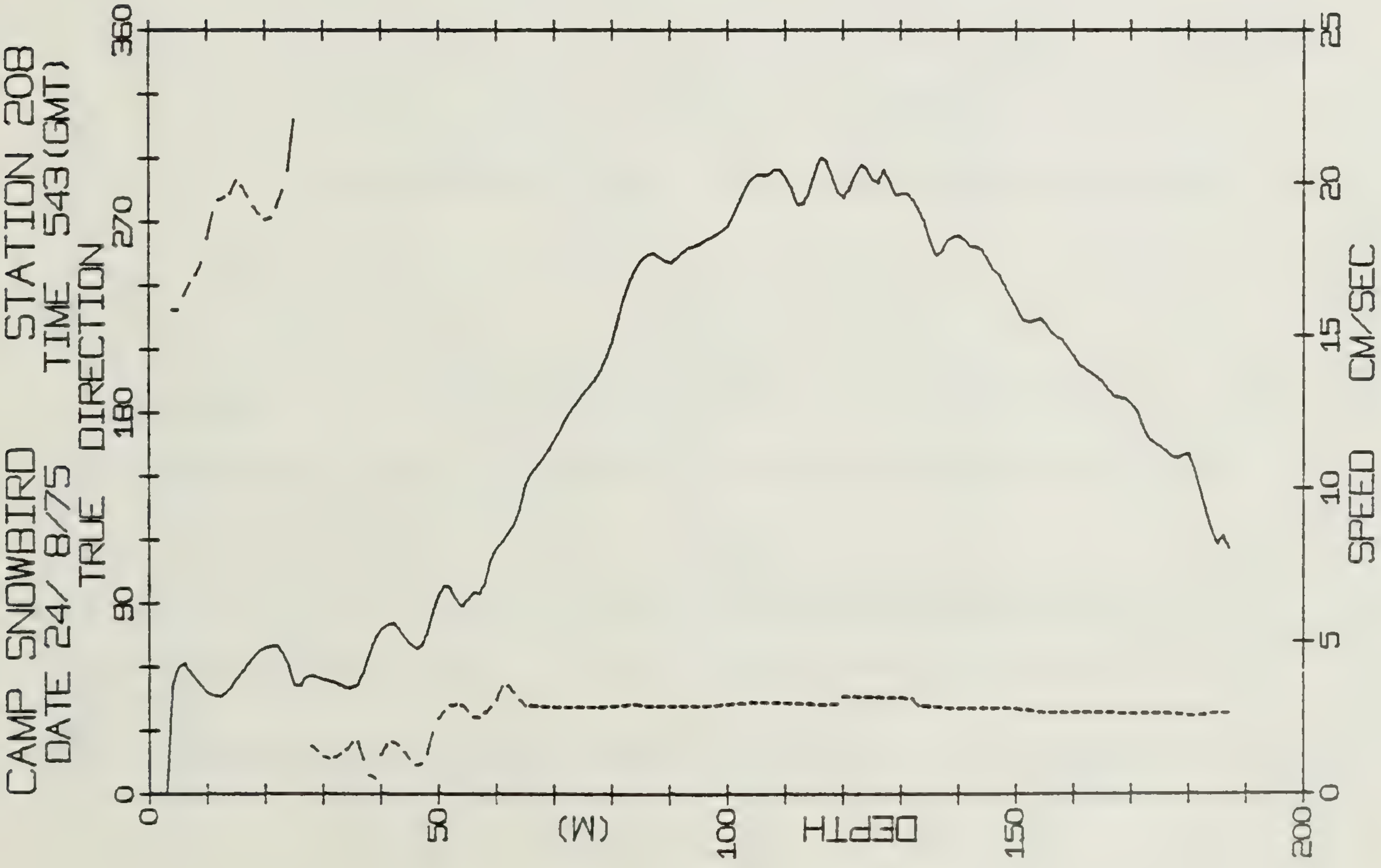

CAMP SNOWBIRD STATION 207
DATE 23/ 8/75 TIME 2339(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 206
DATE 23/ 8/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 206     (187M.)     23/AUG/75      2244 GMT
LAT= 74.9545N  LONG= 144.6944W  LTER=     0.   LGER=      0.
NIVEL=  -2.2   EIVEL=    1.3    NVER=     0    EVER=      0.

DPT    SPD    DRN      DPT    SPD     DRN      DPT    SPD     DRN
  0    0.0   999.9      67     7.4    45.1     134    18.3    42.9
  1    0.0   999.9      68     7.6    43.6     135    18.2    46.1
  2    0.0   999.9      69     7.8    43.4     136    17.9    46.2
  3    0.0   999.9      70     8.2    42.9     137    18.0    46.1
  4    1.5   105.8      71     8.6    42.4     138    18.2    46.0
  5    2.6    37.0      72     9.1    41.8     139    18.3    46.0
  6    2.9    33.4      73     9.6    41.3     140    18.1    46.1
  7    3.0    32.1      74    10.1    40.0     141    17.6    46.2
  8    3.1    31.5      75    10.3    38.9     142    17.1    46.4
  9    3.1    31.7      76    10.5    39.0     143    16.8    46.4
 10    3.0    32.9      77    10.9    39.5     144    16.6    46.2
 11    2.9    33.5      78    11.4    40.5     145    16.6    45.9
 12    2.9    33.9      79    12.0    39.8     146    16.5    45.7
 13    2.8    35.0      80    12.6    39.2     147    16.5    45.7
 14    2.6    36.6      81    13.2    39.8     148    16.3    45.7
 15    2.5    38.8      82    13.4    41.1     149    16.1    45.7
 16    2.4    40.8      83    13.5    42.5     150    15.8    45.7
 17    2.3    42.9      84    13.5    44.0     151    15.9    45.6
 18    2.2    45.1      85    13.9    44.2     152    16.0    45.3
 19    2.1    47.3      86    14.1    43.0     153    15.8    45.1
 20    2.0    49.5      87    14.1    41.9     154    15.3    45.1
 21    1.9    51.7      88    14.1    42.8     155    14.8    45.0
 22    1.9    53.7      89    14.2    43.7     156    14.2    42.5
 23    1.8    55.6      90    14.3    44.7     157    13.7    41.5
 24    1.8    57.2      91    14.3    45.2     158    13.8    41.3
 25    1.8    58.5      92    14.1    45.7     159    14.0    41.2
 26    1.7    59.4      93    14.4    45.8     160    14.1    41.2
 27    1.7    59.9      94    15.1    45.6     161    14.1    40.9
 28    1.7    60.0      95    15.0    43.4     162    14.1    41.6
 29    1.7    59.6      96    14.9    40.1     163    14.0    43.6
 30    1.8    58.7      97    15.1    37.4     164    13.8    43.6
 31    1.8    57.4      98    15.8    38.8     165    13.7    43.4
 32    1.8    55.6      99    16.7    42.8     166    13.1    43.7
 33    1.9    53.4     100    16.7    44.0     167    13.0    43.6
 34    2.0    50.5     101    16.7    43.4     168    12.9    43.4
 35    2.0    48.8     102    16.5    42.5     169    12.5    43.8
 36    2.2    44.9     103    16.6    42.4     170    12.4    44.1
 37    2.2    43.7     104    17.0    43.3     171    12.4    44.4
 38    2.2    43.6     105    17.5    45.0     172    12.2    44.8
 39    2.3    42.9     106    17.6    45.5     173    12.0    44.8
 40    2.2    44.1     107    17.6    43.9     174    11.7    44.8
 41    2.0    51.2     108    17.2    43.1     175    11.5    44.9
 42    1.7    62.7     109    17.1    44.5     176    11.2    44.9
 43    1.7    59.2     110    17.1    42.9     177    11.0    45.0
 44    1.8    57.1     111    16.7    41.8     178    10.8    45.1
 45    1.8    56.1     112    16.2    42.2     179    10.5    44.7
 46    1.8    57.8     113    15.9    42.3     180    10.3    44.7
 47    1.6    70.4     114    16.2    42.2     181    10.0    45.0
 48    1.6    68.9     115    16.7    42.1     182     9.7    45.3
 49    2.0    50.9     116    17.2    41.9     183     9.4    45.7
 50    2.1    46.6     117    17.4    41.8     184     9.0    45.9
 51    2.0    45.4     118    17.1    41.8     185     8.8    46.0
 52    2.1    52.6     119    16.8    41.7     186     8.6    46.1
 53    1.9    50.9     120    16.5    41.8     187     8.6    45.7
 54    2.1    50.7     121    16.4    41.8
 55    2.6    43.8     122    16.3    41.7
 56    3.7    37.3     123    16.4    41.6
 57    4.2    38.6     124    16.8    43.8
 58    4.5    42.5     125    17.2    43.6
 59    4.7    47.2     126    17.4    43.5
 60    5.1    47.4     127    17.5    43.4
 61    5.5    50.7     128    17.5    43.4
 62    5.7    55.7     129    17.6    43.3
 63    5.9    56.0     130    17.6    43.3
 64    6.1    51.1     131    17.6    43.3
 65    6.7    49.9     132    17.9    43.1
 66    7.1    47.1     133    18.2    43.0
```

```
SNOWBIRD STATION 207     (100M.)     23/AUG/75      2339 GMT
LAT= 74.9539N  LONG= 144.6932W  LTER=     0.   LGER=      0.
NIVEL=  -1.7   EIVEL=    1.0    NVER=     0.   EVER=      0

DPT    SPD    DRN      DPT    SPD     DRN      DPT    SPD     DRN
  0    0.0   999.9      67     5.6    55.7
  1    0.0   999.9      68     5.5    49.6
  2    0.0   999.9      69     5.7    42.4
  3    0.0   999.9      70     5.9    40.8
  4    5.0   196.9      71     6.3    39.0
  5    3.9   210.4      72     6.9    36.5
  6    2.3   235.1      73     7.8    34.2
  7    1.6   262.2      74     8.4    33.5
  8    1.7   282.5      75     8.5    33.6
  9    1.9   288.9      76     8.9    33.2
 10    1.9   288.1      77     9.4    33.0
 11    1.9   289.1      78     9.8    32.7
 12    1.8   291.0      79    10.3    32.4
 13    1.6   296.7      80    10.2    32.7
 14    1.2   306.3      81    10.4    33.8
 15    0.8   314.5      82    10.5    35.0
 16    0.7   329.8      83    10.3    36.6
 17    0.7   340.0      84    10.3    37.9
 18    0.8   332.3      85    10.4    34.8
 19    0.8   335.0      86    10.6    31.7
 20    0.8   333.6      87    10.9    28.6
 21    0.8   331.2      88    10.9    26.2
 22    0.9   327.9      89    10.8    25.3
 23    1.5   325.3      90    10.8    28.0
 24    1.8   322.5      91    11.2    32.6
 25    2.0   319.1      92    11.9    36.8
 26    2.3   315.6      93    12.2    38.4
 27    2.7   312.0      94    12.5    38.4
 28    3.2   308.6      95    12.9    38.5
 29    3.8   305.0      96    13.4    38.4
 30    3.6   299.4      97    13.9    38.5
 31    3.4   293.0      98    14.1    38.7
 32    3.3   285.9      99    14.0    39.1
 33    3.1   278.1     100    14.0    39.4
 34    3.0   269.5
 35    3.2   262.9
 36    3.4   258.8
 37    3.7   251.2
 38    4.0   244.3
 39    4.3   239.7
 40    4.1   248.2
 41    3.4   253.5
 42    2.7   258.4
 43    2.0   262.5
 44    2.0   254.0
 45    2.1   250.6
 46    2.2   251.0
 47    1.4   283.8
 48    1.1    14.6
 49    1.2    24.4
 50    1.4    22.1
 51    2.0    32.1
 52    2.5    41.1
 53    2.6    47.3
 54    2.8    52.1
 55    3.1    48.2
 56    3.5    41.0
 57    3.8    34.8
 58    3.9    36.9
 59    4.2    39.4
 60    4.8    40.0
 61    5.5    41.2
 62    5.9    46.9
 63    6.0    56.9
 64    6.1    65.0
 65    5.9    64.8
 66    5.8    61.3
```

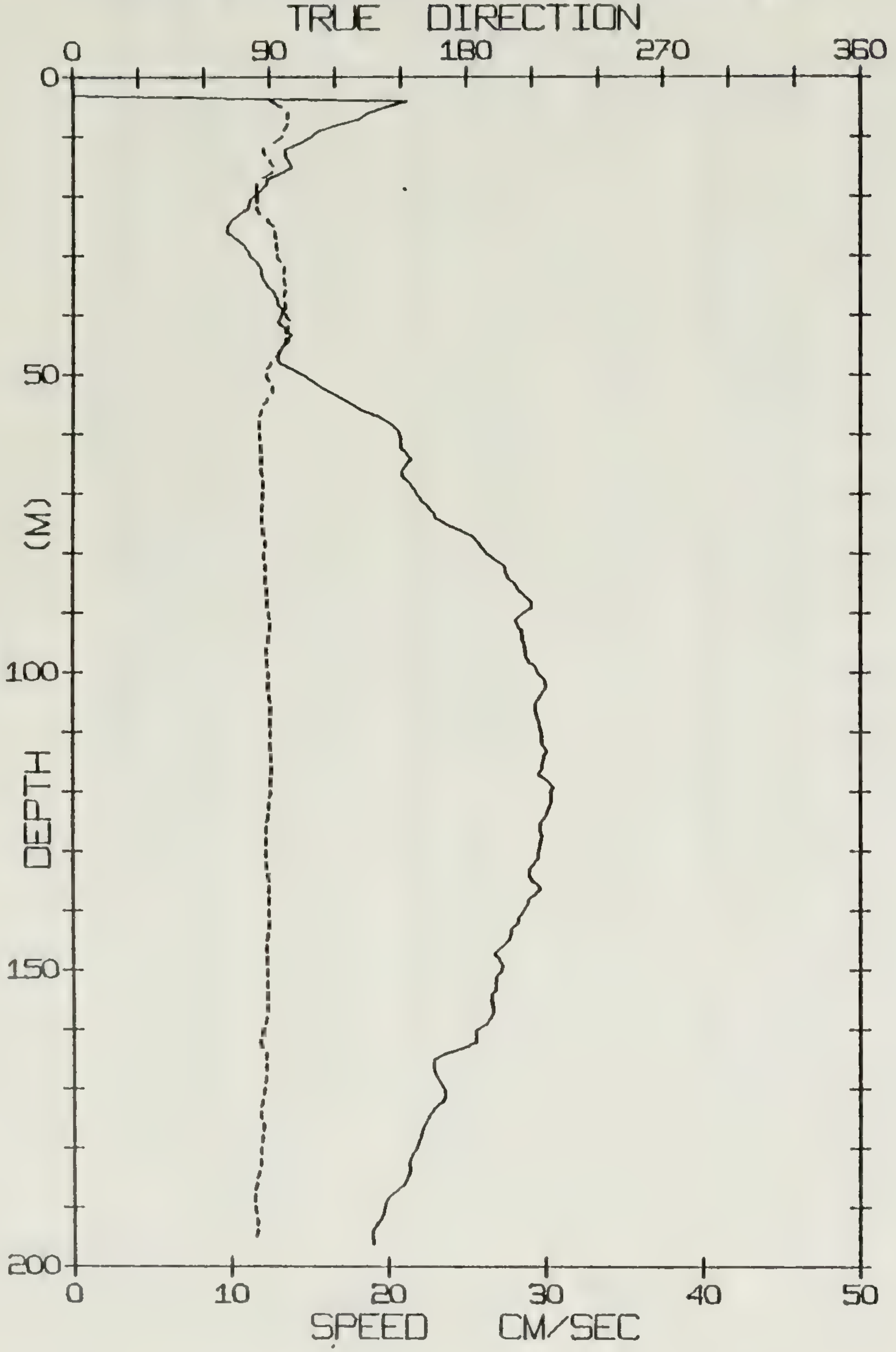

CAMP SNOWBIRD STATION 209
DATE 24/ 8/75 TIME 1409(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 208
DATE 24/ 8/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

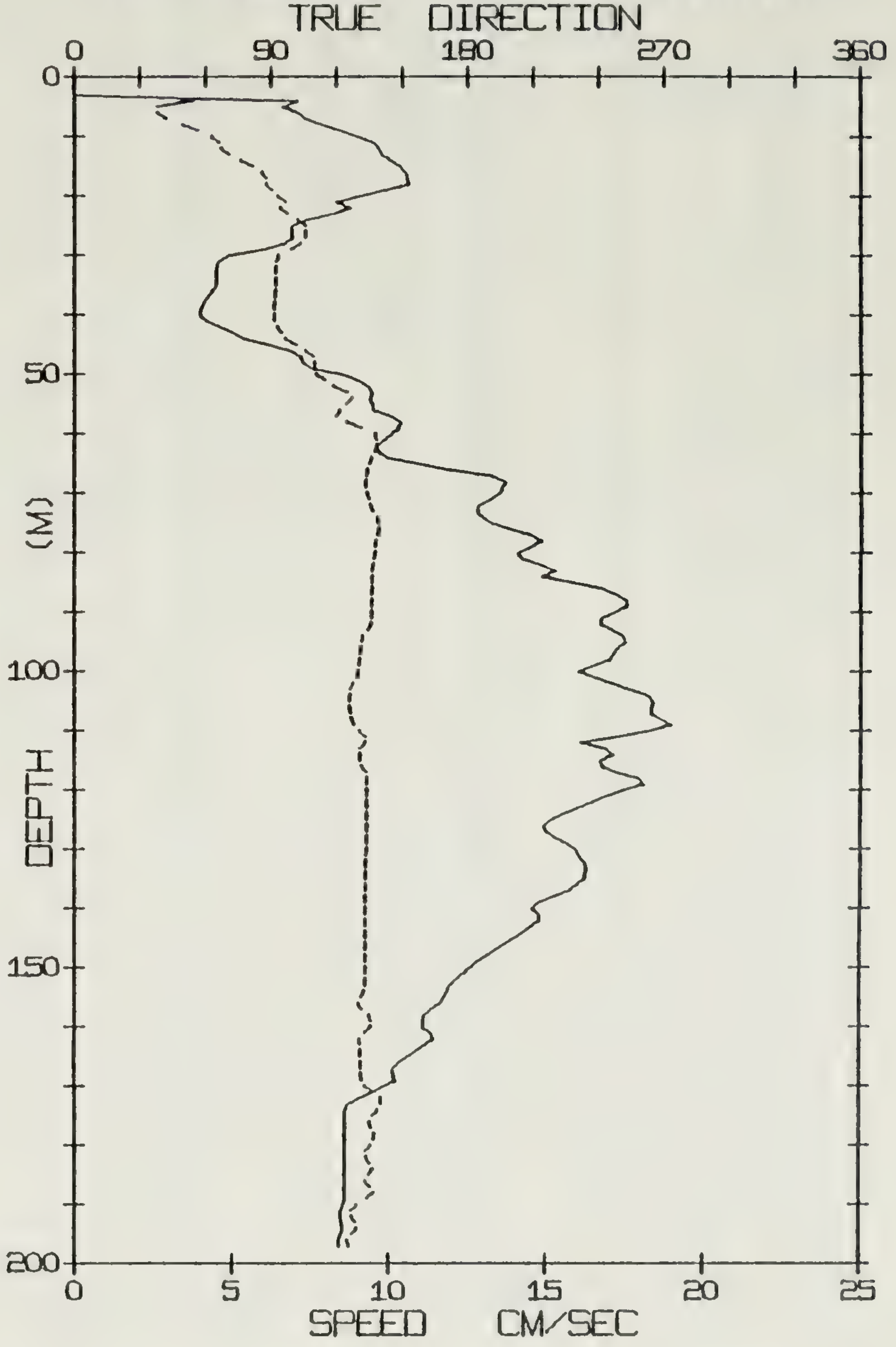
```
SNOWBIRD STATION 208     (187M.)      24/AUG/75       543 GMT
LAT= 74.9481N  LONG= 144.6694W  LTER=    23   LGER=    46.
NIVEL=  -0.5   EIVEL=    1.3    NVER=    0.   EVER=     1

DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
  0    0.0   999.9       67   10.8    41.3      134   18.7    41.3
  1    0.0   999.9       68   11.0    41.1      135   18.1    41.2
  2    0.0   999.9       69   11.3    40.9      136   17.6    41.0
  3    0.0   999.9       70   11.6    40.8      137   17.8    40.7
  4    3.6   228.4       71   11.9    40.7      138   18.1    40.5
  5    4.2   228.5       72   12.3    40.7      139   18.3    40.5
  6    4.3   235.1       73   12.6    40.6      140   18.3    40.4
  7    4.0   241.0       74   12.9    40.7      141   18.1    40.3
  8    3.8   244.7       75   13.1    40.9      142   17.9    40.2
  9    3.6   250.5       76   13.4    41.0      143   17.9    40.3
 10    3.3   262.0       77   13.6    41.2      144   17.8    40.4
 11    3.2   274.1       78   13.9    41.3      145   17.5    40.5
 12    3.2   280.3       79   14.3    41.5      146   17.2    40.6
 13    3.3   281.8       80   14.8    41.7      147   17.0    40.3
 14    3.5   283.3       81   15.5    41.9      148   16.6    40.2
 15    3.8   289.2       82   16.2    42.1      149   16.3    40.0
 16    4.0   287.0       83   16.8    42.4      150   15.9    39.8
 17    4.3   282.0       84   17.2    42.2      151   15.6    39.7
 18    4.5   277.0       85   17.5    41.6      152   15.4    39.4
 19    4.7   273.7       86   17.7    41.4      153   15.5    39.0
 20    4.8   271.2       87   17.7    41.5      154   15.6    38.5
 21    4.9   272.1       88   17.6    41.6      155   15.4    38.3
 22    4.8   276.8       89   17.5    41.6      156   15.1    38.2
 23    4.6   284.7       90   17.4    41.6      157   15.0    38.2
 24    4.2   294.4       91   17.5    41.6      158   14.9    38.2
 25    3.6   318.1       92   17.7    41.6      159   14.6    38.2
 26    3.5   357.0       93   17.9    41.6      160   14.3    38.2
 27    3.8    17.9       94   17.9    41.7      161   14.1    38.4
 28    3.9    22.8       95   18.0    41.7      162   13.9    38.4
 29    3.8    20.5       96   18.1    41.7      163   13.8    38.4
 30    3.7    17.8       97   18.2    41.8      164   13.6    38.3
 31    3.7    16.8       98   18.3    42.0      165   13.5    38.1
 32    3.7    17.6       99   18.5    42.3      166   13.2    38.1
 33    3.6    19.2      100   18.6    42.6      167   13.0    38.0
 34    3.5    20.8      101   19.0    42.8      168   13.0    37.9
 35    3.5    24.3      102   19.4    43.0      169   12.9    37.8
 36    3.6    24.9      103   19.8    43.0      170   12.8    37.8
 37    4.0    16.4      104   20.1    43.1      171   12.6    37.8
 38    4.6     8.7      105   20.3    43.2      172   12.1    38.0
 39    5.1     7.2      106   20.3    43.3      173   11.7    38.1
 40    5.4    18.6      107   20.3    43.2      174   11.5    38.1
 41    5.6    23.4      108   20.5    43.0      175   11.4    37.9
 42    5.6    24.6      109   20.4    42.9      176   11.2    37.7
 43    5.5    23.1      110   20.2    42.8      177   11.1    37.6
 44    5.2    20.0      111   19.8    42.7      178   11.0    37.4
 45    4.9    16.6      112   19.3    42.6      179   11.1    37.1
 46    4.8    13.8      113   19.3    42.5      180   11.2    36.7
 47    4.9    14.5      114   19.7    42.4      181   10.6    36.9
 48    5.3    19.3      115   20.3    42.4      182   10.0    37.2
 49    6.0    29.3      116   20.8    42.3      183    9.3    37.6
 50    6.5    35.9      117   20.8    42.4      184    8.7    38.0
 51    6.9    39.5      118   20.3    42.5      185    8.2    38.4
 52    6.8    41.7      119   19.7    42.7      186    8.5    37.9
 53    6.4    42.6      120   19.5    46.2      187    8.1    38.3
 54    6.1    41.8      121   19.8    46.2
 55    6.4    39.7      122   20.3    46.0
 56    6.6    36.5      123   20.6    45.9
 57    6.6    36.1      124   20.5    45.8
 58    6.9    38.4      125   20.1    45.8
 59    7.7    40.9      126   20.0    45.7
 60    8.1    45.0      127   20.4    45.5
 61    8.3    51.0      128   20.1    45.6
 62    8.5    51.6      129   19.6    45.6
 63    8.8    48.2      130   19.7    45.5
 64    9.3    44.5      131   19.6    45.3
 65   10.1    41.8      132   19.5    45.1
 66   10.5    41.6      133   19.1    41.6
```

```
SNOWBIRD STATION 209     (100M.)      24/AUG/75      1409 GMT
LAT= 74.9502N  LONG= 144.6173W  LTER=     2   LGER=     4.
NIVEL=  -0.3   EIVEL=   10.6    NVER=     0   EVER=     0.

DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
  0    0.0   999.9       67   12.4    81.4
  1    0.0   999.9       68   12.5    81.1
  2    0.0   999.9       69   12.6    82.0
  3    0.0   999.9       70   12.7    82.4
  4    6.1   128.4       71   12.9    82.4
  5    6.2   134.0       72   13.0    82.8
  6    5.6   132.8       73   13.1    82.2
  7    5.2   131.5       74   13.2    81.2
  8    5.1   132.0       75   13.3    80.3
  9    5.1   131.8       76   13.7    79.4
 10    5.1   127.5       77   13.9    78.8
 11    5.0   126.4       78   14.0    78.2
 12    4.7   129.2       79   14.3    77.5
 13    3.7   127.0       80   14.8    76.8
 14    3.4   118.7       81   15.3    77.2
 15    3.2   112.5       82   15.9    77.3
 16    2.8    90.6       83   16.2    77.9
 17    2.8    78.2       84   16.6    78.6
 18    2.7    78.4       85   16.7    79.4
 19    2.4    79.0       86   16.6    79.4
 20    2.0    79.7       87   16.5    79.0
 21    1.8    74.6       88   16.5    79.4
 22    1.6    75.2       89   16.4    80.0
 23    1.9    85.4       90   16.4    79.9
 24    2.5    85.1       91   16.4    79.4
 25    3.3    86.6       92   16.5    79.9
 26    3.8    89.6       93   16.5    80.5
 27    3.9    91.6       94   16.6    80.0
 28    4.0    91.7       95   16.6    79.6
 29    4.4    90.6       96   16.6    79.2
 30    4.9    89.9       97   16.6    79.4
 31    5.1    93.7       98   16.4    79.6
 32    5.4    98.2       99   16.5    78.7
 33    5.8    99.2      100   16.5    78.1
 34    6.0    99.1
 35    6.0    99.2
 36    6.0    99.3
 37    6.1   100.5
 38    6.1   101.5
 39    5.8    99.9
 40    5.8   103.0
 41    6.0   104.8
 42    6.0   103.8
 43    6.1   102.2
 44    6.5   101.3
 45    6.7   100.2
 46    6.9    99.1
 47    6.8    97.1
 48    6.9    95.9
 49    7.0    94.8
 50    7.3    92.8
 51    8.0    90.7
 52    8.2    91.3
 53    8.2    93.3
 54    8.2    94.7
 55    8.5    92.8
 56    9.1    88.9
 57    9.8    85.0
 58   10.1    82.3
 59   10.5    81.0
 60   10.9    81.0
 61   11.1    82.1
 62   11.3    63.2
 63   11.5    84.5
 64   11.8    85.0
 65   12.3    84.4
 66   12.4    83.4
```

CAMP SNOWBIRD STATION 210
DATE 24/ 8/75 TIME 2244(GMT)

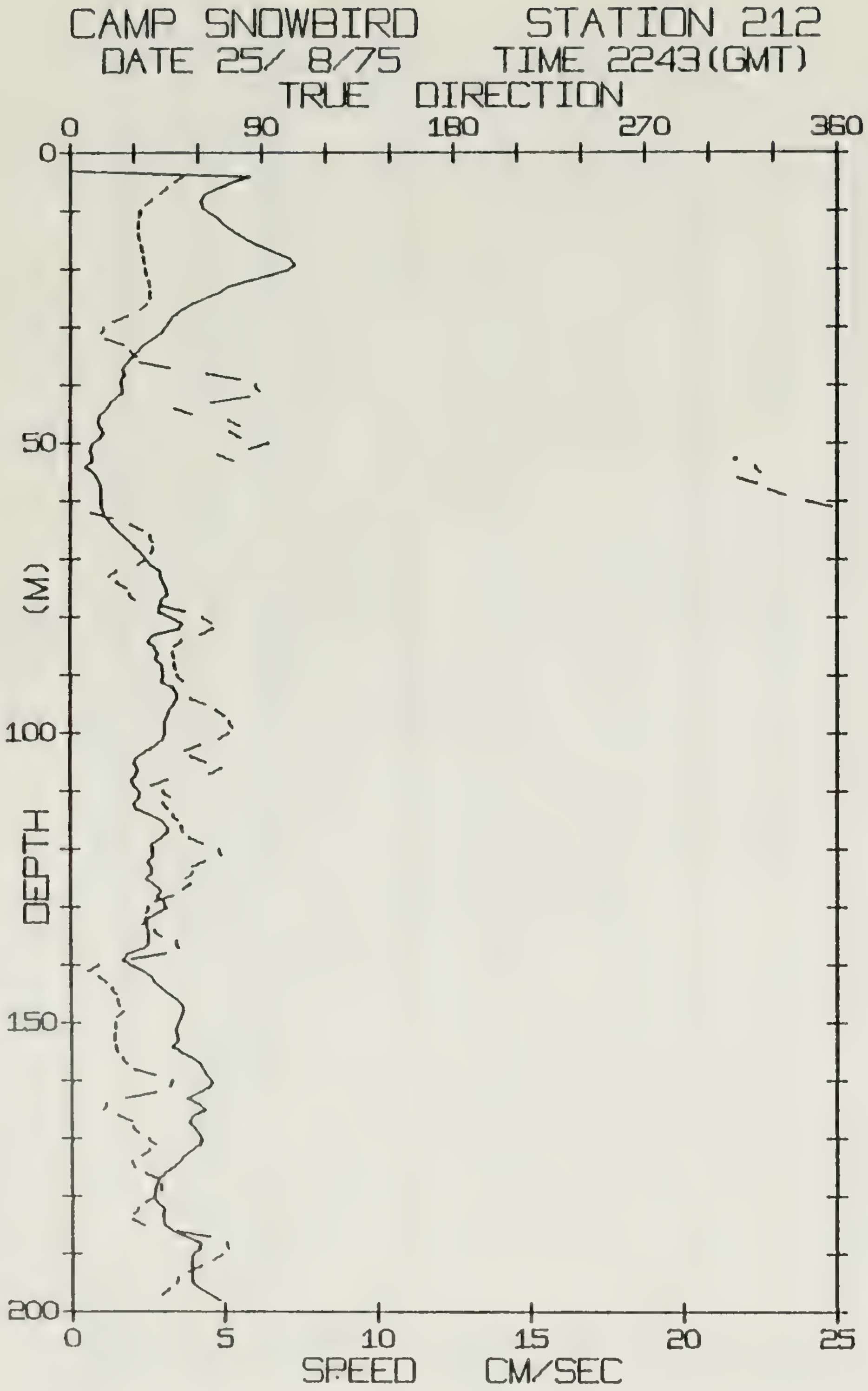


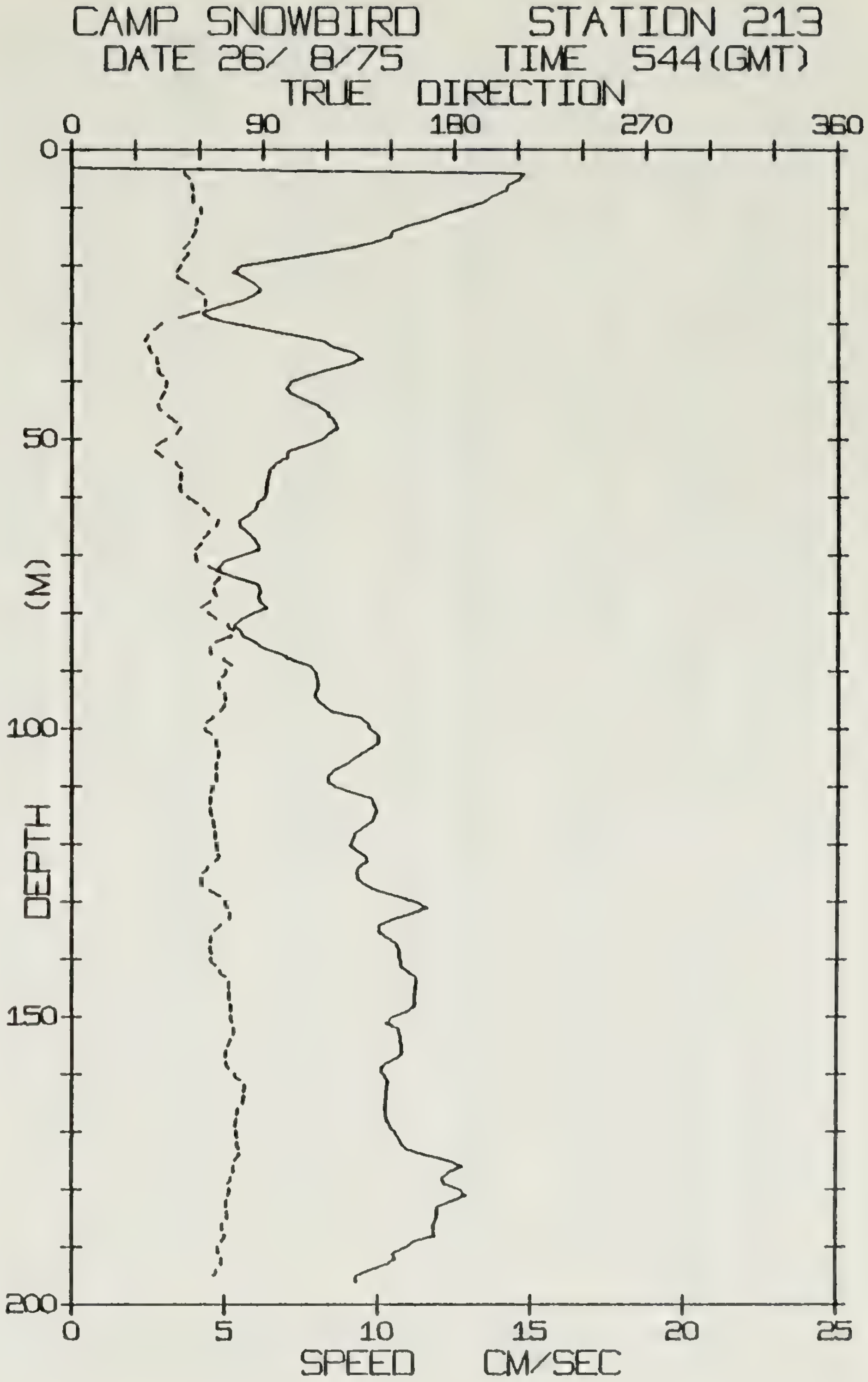
CAMP SNOWBIRD STATION 211
DATE 25/ 8/75 TIME 606(GMT)



```
SNOWBIRD STATION 210     (196M.)      24/AUG/75      2244 GMT
LAT= 74.9620N  LONG= 144.4603W  LTER=      0   LGER=      0.
NIVEL=    7.2  EIVEL=   22.9    NVER=      0.  EVER=      0.

DPT   SPD   DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9      67  21.0   87.1      134  29.0   89.4
  1   0.0  999.9      68  21.4   87.2      135  29.3   89.9
  2   0.0  999.9      69  21.7   87.1      136  29.7   89.5
  3   0.0  999.9      70  21.9   86.9      137  29.4   89.5
  4  21.2   90.6      71  22.2   86.7      138  28.9   89.8
  5  19.9   95.1      72  22.6   86.5      139  28.8   89.8
  6  18.8   98.4      73  22.9   86.7      140  28.6   89.5
  7  18.2   98.1      74  23.1   86.3      141  28.3   90.0
  8  16.8   98.0      75  23.7   86.2      142  28.2   89.7
  9  15.6   96.4      76  24.6   87.0      143  27.9   89.5
 10  15.1   95.5      77  25.4   87.8      144  27.8   89.1
 11  14.5   92.0      78  25.8   88.4      145  27.6   88.6
 12  13.5   87.4      79  26.1   88.3      146  27.3   88.6
 13  13.5   88.1      80  26.4   87.6      147  26.8   89.0
 14  13.7   90.3      81  26.9   87.7      148  27.1   89.0
 15  13.9   91.8      82  27.4   88.5      149  27.3   89.0
 16  13.3   91.0      83  27.5   88.2      150  27.2   89.2
 17  12.4   86.8      84  27.7   88.2      151  26.9   89.4
 18  12.3   84.3      85  28.1   88.4      152  26.8   89.2
 19  11.9   83.9      86  28.3   88.9      153  26.9   89.2
 20  11.4   84.4      87  28.7   89.0      154  26.6   89.4
 21  11.2   84.7      88  29.1   88.9      155  26.7   89.3
 22  11.1   84.7      89  29.1   89.1      156  26.7   89.3
 23  10.6   85.7      90  28.6   89.7      157  26.7   89.2
 24  10.1   89.3      91  28.1   90.4      158  26.5   88.4
 25   9.8   91.8      92  28.3   90.3      159  26.2   87.7
 26   9.9   92.7      93  28.6   90.0      160  25.6   87.1
 27  10.3   93.1      94  28.5   89.6      161  25.6   86.2
 28  10.9   93.1      95  28.7   89.0      162  25.6   85.5
 29  11.2   93.9      96  28.8   88.5      163  24.9   87.0
 30  11.3   93.6      97  28.8   88.7      164  23.7   88.3
 31  11.7   95.3      98  29.0   89.0      165  22.9   88.2
 32  12.0   96.7      99  29.4   89.1      166  22.9   88.3
 33  12.0   96.6     100  29.6   89.4      167  23.0   88.2
 34  12.2   96.8     101  30.0   89.4      168  23.2   88.0
 35  12.4   97.3     102  30.1   89.4      169  23.4   87.7
 36  12.8   97.0     103  29.9   89.7      170  23.6   87.5
 37  13.0   96.3     104  29.6   90.1      171  23.7   86.9
 38  13.1   97.3     105  29.4   90.5      172  23.5   86.4
 39  13.4   97.1     106  29.4   90.6      173  23.0   85.8
 40  13.2   97.7     107  29.5   90.4      174  22.7   85.4
 41  13.1   99.4     108  29.6   90.5      175  22.5   86.2
 42  13.4   98.5     109  29.7   90.5      176  22.3   87.0
 43  13.8   97.5     110  29.8   90.6      177  22.2   86.9
 44  13.7   97.7     111  29.7   90.2      178  22.0   86.5
 45  13.4   96.7     112  29.9   90.2      179  21.9   86.0
 46  13.1   94.9     113  30.1   90.8      180  21.8   85.8
 47  13.0   93.0     114  29.9   90.7      181  21.5   85.6
 48  13.2   90.8     115  29.8   90.9      182  21.3   85.5
 49  14.0   88.8     116  29.8   90.8      183  21.4   85.2
 50  14.7   88.7     117  29.5   90.6      184  21.3   84.8
 51  15.3   90.1     118  30.1   90.5      185  21.2   84.0
 52  15.8   91.3     119  30.5   90.7      186  21.0   83.4
 53  16.5   91.5     120  30.4   90.6      187  20.6   83.0
 54  17.2   89.3     121  30.5   89.7      188  20.1   82.8
 55  17.9   87.4     122  30.3   89.6      189  19.8   82.9
 56  18.5   86.3     123  30.2   89.5      190  19.7   83.4
 57  19.5   85.2     124  30.0   89.2      191  19.7   83.8
 58  20.2   85.5     125  29.7   88.6      192  19.5   84.1
 59  20.6   85.8     126  29.6   88.2      193  19.2   84.2
 60  20.8   85.6     127  29.8   88.3      194  19.0   84.2
 61  20.9   85.8     128  29.7   88.5      195  19.0   83.3
 62  20.9   86.0     129  29.6   88.4      196  19.0   83.3
 63  21.2   86.4     130  29.5   88.3
 64  21.5   86.5     131  29.5   88.4
 65  21.2   86.2     132  29.3   88.7
 66  20.9   86.5     133  29.0   89.0
```

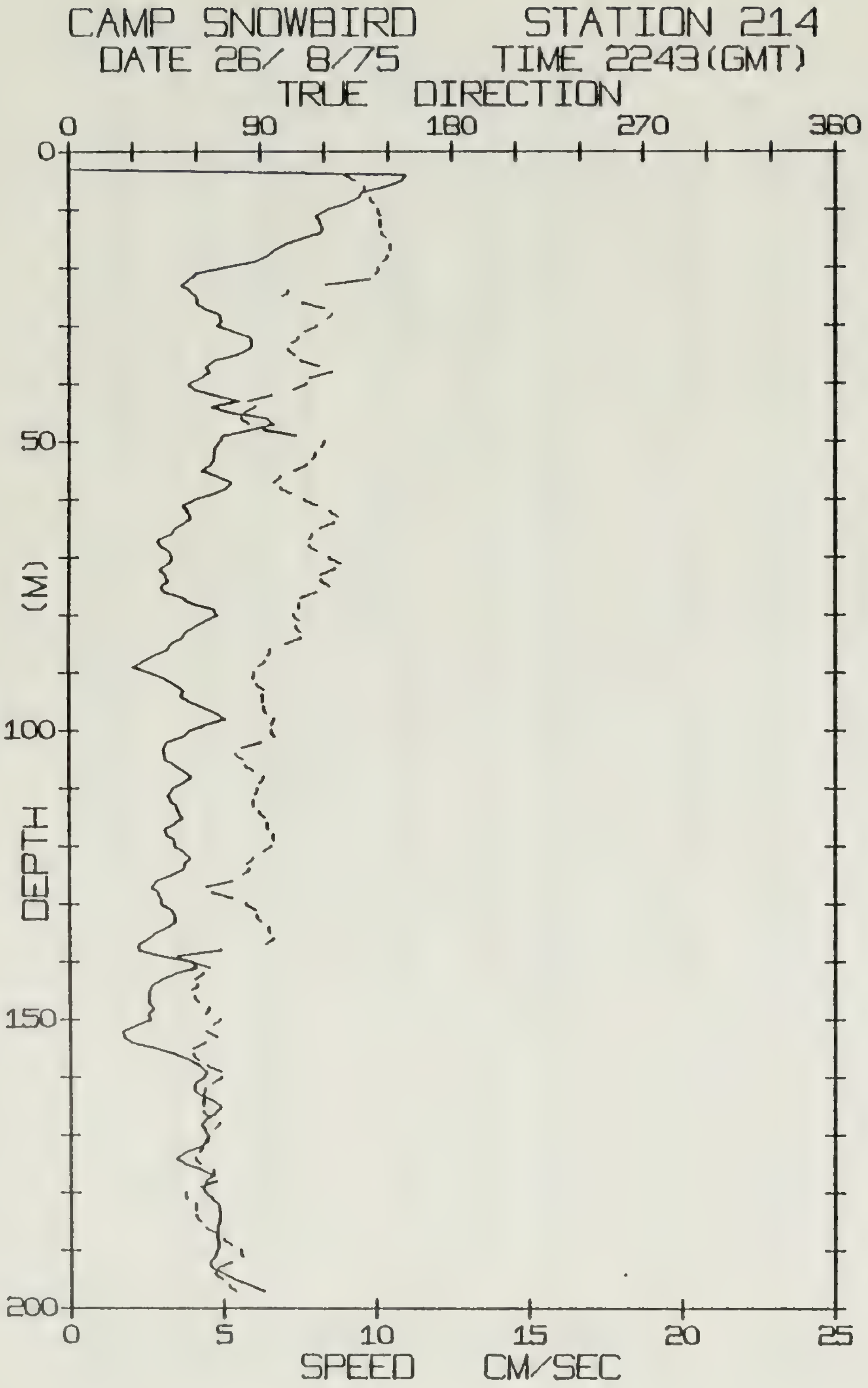
```
SNOWBIRD STATION 211     (197M.)      25/AUG/75       606 GMT
LAT= 74.9553N  LONG= 144.3100W  LTER=      2.  LGER=      4.
NIVEL=   -3.6  EIVEL=    3.5    NVER=      0.  EVER=      0

DPT   SPD   DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9      67  13.2  133.6      134  16.3  133.6
  1   0.0  999.9      68  13.7  133.5      135  16.2  133.6
  2   0.0  999.9      69  13.6  133.7      136  16.0  133.5
  3   0.0  999.9      70  13.5  134.4      137  15.7  133.6
  4   7.1   54.5      71  13.2  135.1      138  15.3  133.5
  5   6.6   38.0      72  12.9  135.8      139  14.8  133.6
  6   7.1   37.8      73  12.8  137.1      140  14.6  133.5
  7   7.4   41.9      74  13.0  138.8      141  14.8  133.4
  8   7.9   49.4      75  13.3  139.5      142  14.8  133.4
  9   8.5   56.4      76  13.8  139.4      143  14.6  133.4
 10   9.0   62.8      77  14.5  138.7      144  14.3  133.4
 11   9.5   66.0      78  14.9  138.0      145  14.0  133.4
 12   9.7   67.3      79  14.5  137.4      146  13.7  133.4
 13   9.8   70.7      80  14.1  137.9      147  13.4  133.4
 14  10.1   76.2      81  14.2  137.1      148  13.1  133.4
 15  10.4   81.4      82  14.8  136.5      149  12.8  133.4
 16  10.5   85.8      83  15.3  136.4      150  12.6  133.4
 17  10.6   87.7      84  14.9  136.3      151  12.4  133.4
 18  10.6   87.6      85  15.9  136.3      152  12.1  133.3
 19   9.9   90.2      86  16.8  136.3      153  11.9  133.4
 20   9.1   93.0      87  17.2  136.2      154  11.8  132.7
 21   8.3   96.5      88  17.5  136.2      155  11.7  131.5
 22   8.8   94.6      89  17.5  136.2      156  11.6  130.2
 23   8.2   97.3      90  17.2  136.1      157  11.4  131.8
 24   7.4  102.2      91  16.8  136.1      158  11.2  135.3
 25   6.9  105.8      92  16.8  135.7      159  11.1  136.1
 26   6.9  105.9      93  17.1  134.2      160  11.1  135.6
 27   6.9  105.7      94  17.4  132.0      161  11.3  133.3
 28   6.7  103.8      95  17.6  131.5      162  11.5  130.9
 29   6.0   99.4      96  17.3  131.2      163  11.2  131.3
 30   4.9   93.5      97  17.1  130.8      164  10.9  131.4
 31   4.6   92.3      98  17.0  130.6      165  10.6  131.5
 32   4.5   92.2      99  16.5  130.3      166  10.3  131.6
 33   4.5   92.2     100  16.0  130.0      167  10.1  131.7
 34   4.5   92.2     101  16.6  129.3      168  10.2  131.6
 35   4.5   92.3     102  17.1  127.4      169  10.2  132.1
 36   4.4   91.9     103  17.7  126.2      170   9.9  133.3
 37   4.2   91.5     104  18.2  126.1      171   9.5  137.8
 38   4.1   91.2     105  18.4  126.0      172   9.1  140.4
 39   4.0   91.2     106  18.4  126.0      173   8.7  140.8
 40   4.0   91.2     107  18.3  126.6      174   8.6  139.1
 41   4.2   91.6     108  18.7  127.2      175   8.6  136.8
 42   4.6   93.0     109  19.0  128.4      176   8.6  135.3
 43   5.1   94.7     110  18.3  130.8      177   8.6  136.4
 44   5.4   96.3     111  17.3  133.2      178   8.6  137.4
 45   6.2  101.0     112  16.1  133.3      179   8.6  137.3
 46   6.8  105.9     113  16.9  130.9      180   8.6  135.6
 47   7.2  109.3     114  17.2  130.8      181   8.6  133.7
 48   7.3  110.1     115  16.8  130.6      182   8.6  134.1
 49   7.5  110.5     116  16.8  131.9      183   8.6  135.7
 50   8.5  111.0     117  17.2  134.2      184   8.6  136.8
 51   9.0  114.9     118  18.0  134.1      185   8.6  135.1
 52   9.4  118.5     119  18.1  134.1      186   8.6  133.6
 53   9.5  124.7     120  17.5  134.1      187   8.6  135.6
 54   9.4  126.8     121  17.0  134.0      188   8.6  137.2
 55   9.5  124.3     122  16.5  134.1      189   8.6  134.1
 56   9.5  121.5     123  16.0  134.0      190   8.5  129.9
 57  10.1  119.9     124  15.6  134.0      191   8.5  126.8
 58  10.4  124.6     125  15.2  134.0      192   8.5  127.1
 59  10.3  131.3     126  14.9  134.0      193   8.5  129.1
 60  10.1  137.7     127  15.0  133.9      194   8.5  129.8
 61   9.8  138.5     128  15.3  133.9      195   8.5  127.1
 62   9.6  138.3     129  15.7  133.8      196   8.4  125.3
 63   9.7  137.6     130  15.9  133.8      197   8.4  126.0
 64  10.0  136.2     131  16.1  133.7
 65  10.9  135.1     132  16.2  133.7
 66  11.9  134.1     133  16.3  133.7
```

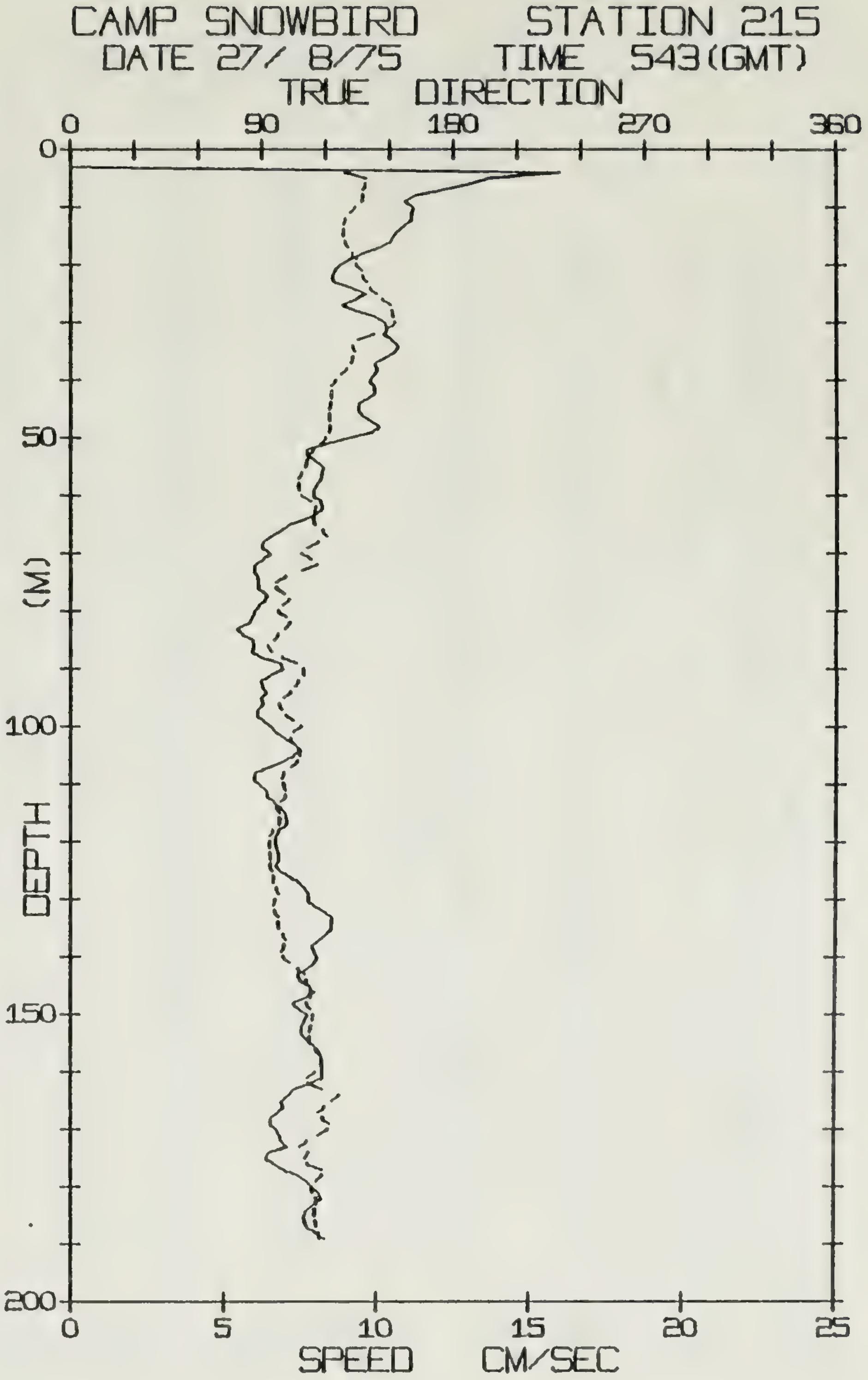

CAMP SNOWBIRD STATION 212
DATE 25/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 213
DATE 26/ 8/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 212     (198M.)     25/AUG/75      2243 GMT
LAT= 74.9611N  LONG= 144.1207W  LTER=     14   LGER=     29.
NIVEL=   8.4   EIVEL=    5.8    NVER=      0   EVER=      1.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    2.0   38.8      134    2.5   39.4
  1    0.0  999.9       68    2.2   38.9      135    2.5   42.3
  2    0.0  999.9       69    2.3   37.7      136    2.5   49.8
  3    0.0  999.9       70    2.5   35.4      137    2.4   50.9
  4    5.9   53.0       71    2.6   31.9      138    1.9   45.1
  5    5.3   49.5       72    2.9   21.8      139    1.7   28.9
  6    4.8   45.6       73    3.0   18.1      140    2.0   13.0
  7    4.4   42.2       74    3.1   22.1      141    2.4    8.6
  8    4.3   38.5       75    3.2   26.3      142    2.7   13.2
  9    4.3   35.3       76    3.2   28.0      143    2.8   17.0
 10    4.5   33.1       77    3.0   30.2      144    3.0   19.5
 11    4.8   32.1       78    2.9   43.0      145    3.2   21.4
 12    5.0   31.7       79    2.9   53.4      146    3.5   22.2
 13    5.2   31.8       80    3.3   62.2      147    3.7   23.2
 14    5.5   32.3       81    3.7   66.4      148    3.7   24.4
 15    5.8   32.9       82    3.5   67.1      149    3.6   21.8
 16    6.2   33.6       83    2.7   61.1      150    3.5   20.9
 17    6.7   34.2       84    2.5   52.5      151    3.4   21.1
 18    7.2   34.7       85    2.7   49.4      152    3.5   20.6
 19    7.3   35.0       86    2.9   48.3      153    3.5   20.4
 20    7.2   35.4       87    2.8   49.1      154    3.3   21.4
 21    6.5   36.0       88    3.0   49.1      155    3.6   22.0
 22    5.8   36.8       89    3.0   49.9      156    4.0   24.2
 23    5.1   37.5       90    3.0   50.7      157    4.2   26.1
 24    4.8   37.6       91    2.9   52.9      158    4.3   29.7
 25    4.4   37.2       92    3.3   48.3      159    4.4   39.4
 26    3.9   35.7       93    3.5   49.9      160    4.6   47.5
 27    3.6   32.6       94    3.5   56.6      161    4.5   46.4
 28    3.4   27.2       95    3.4   63.4      162    4.2   39.6
 29    3.2   20.4       96    3.2   68.6      163    3.8   25.6
 30    3.1   15.7       97    3.1   72.5      164    4.2   16.5
 31    2.9   14.4       98    3.1   75.0      165    4.4   14.9
 32    2.7   16.9       99    3.1   76.2      166    4.0   22.1
 33    2.4   24.9      100    3.1   74.4      167    3.8   28.5
 34    2.2   28.2      101    3.0   69.9      168    4.0   29.1
 35    2.0   30.8      102    2.8   61.1      169    4.1   31.4
 36    1.9   32.5      103    2.5   54.0      170    4.3   36.1
 37    1.7   46.7      104    2.2   56.4      171    4.2   39.0
 38    1.8   64.1      105    2.1   63.8      172    3.9   36.8
 39    1.7   79.6      106    2.2   70.7      173    3.7   33.1
 40    1.7   87.1      107    2.1   65.6      174    3.5   28.5
 41    1.7   88.8      108    2.0   45.6      175    3.3   29.7
 42    1.5   84.1      109    2.1   38.2      176    3.0   34.7
 43    1.3   66.5      110    2.3   43.3      177    2.8   40.6
 44    1.2   49.4      111    2.2   46.7      178    2.7   41.8
 45    1.0   57.2      112    2.1   43.8      179    2.7   41.8
 46    0.9   74.6      113    2.2   45.6      180    2.7   38.7
 47    0.9   79.4      114    2.6   48.0      181    2.8   34.8
 48    1.1   75.2      115    3.0   50.4      182    3.0   31.2
 49    1.0   79.6      116    3.2   52.2      183    3.0   29.3
 50    0.7   93.0      117    3.2   53.2      184    3.0   28.5
 51    0.6   84.3      118    3.0   55.7      185    3.1   34.0
 52    0.7   69.4      119    2.7   62.2      186    3.3   49.8
 53    0.7   76.7      120    2.7   69.7      187    3.8   64.8
 54    0.5  321.9      121    2.7   71.0      188    4.2   73.2
 55    0.8  324.0      122    2.5   63.3      189    4.2   73.8
 56    0.9  313.6      123    2.6   57.6      190    3.9   70.7
 57    1.0  322.5      124    2.6   57.4      191    3.9   66.6
 58    1.0  328.1      125    2.5   54.6      192    3.9   61.0
 59    1.0  335.9      126    2.7   56.2      193    3.9   55.0
 60    1.0  345.9      127    2.9   52.6      194    3.9   50.0
 61    1.0  357.7      128    2.8   48.4      195    4.0   49.1
 62    1.1    9.8      129    3.1   39.8      196    4.2   45.8
 63    1.2   20.3      130    3.2   36.7      197    4.5   42.3
 64    1.4   28.4      131    2.8   35.6      198    4.8   41.0
 65    1.6   33.9      132    2.5   35.2
 66    1.8   37.3      133    2.5   33.7
```

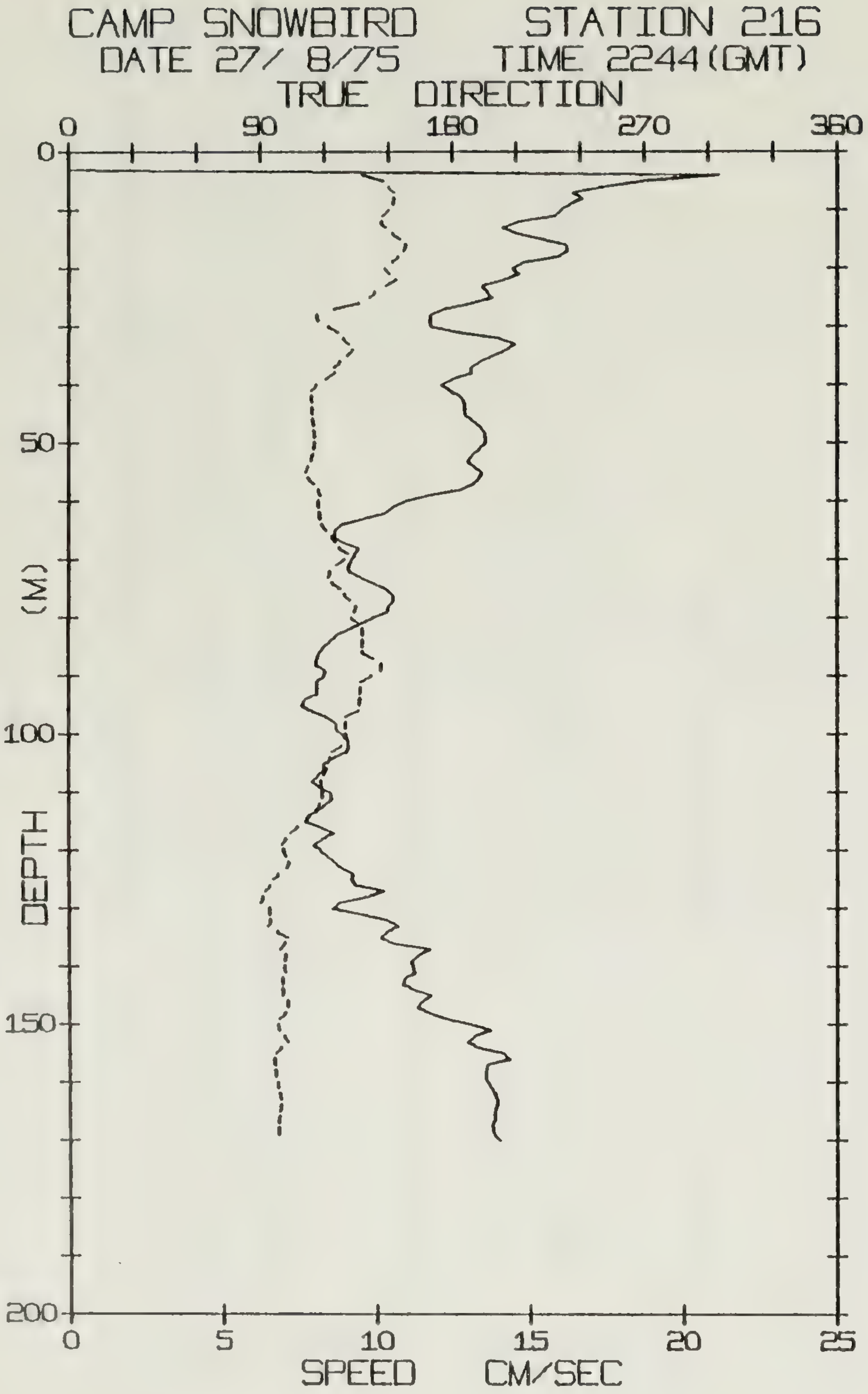
```
SNOWBIRD STATION 213     (196M.)     26/AUG/75       544 GMT
LAT= 74.9838N  LONG= 144.0779W  LTER=     2.   LGER=     3.
NIVEL=  14.4   EIVEL=    7.3    NVER=     0.   EVER=      0

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    5.9   61.9      134   10.0   70.1
  1    0.0  999.9       68    6.1   60.6      135   10.0   67.4
  2    0.0  999.9       69    6.1   58.2      136   10.3   65.5
  3    0.0  999.9       70    5.6   58.2      137   10.6   64.8
  4   14.7   52.8       71    5.0   59.1      138   10.7   65.0
  5   14.6   55.1       72    4.8   64.3      139   10.7   66.0
  6   14.2   56.2       73    4.9   70.2      140   10.8   65.3
  7   14.1   57.0       74    5.5   69.3      141   10.8   67.5
  8   13.7   56.8       75    6.1   66.8      142   11.0   69.8
  9   13.4   56.9       76    6.2   66.8      143   11.2   72.0
 10   12.8   60.5       77    6.1   67.9      144   11.2   73.9
 11   12.2   60.9       78    6.2   64.7      145   11.2   74.5
 12   11.7   58.9       79    6.4   60.9      146   11.2   74.3
 13   11.0   58.1       80    5.9   64.3      147   11.2   74.2
 14   10.5   57.9       81    5.5   67.9      148   11.2   75.1
 15   10.4   56.6       82    5.3   73.5      149   11.0   74.9
 16    9.8   54.9       83    5.5   75.5      150   10.5   75.1
 17    8.9   52.6       84    5.6   74.6      151   10.3   75.8
 18    7.8   54.4       85    6.0   67.6      152   10.7   76.5
 19    6.7   52.5       86    6.3   65.1      153   10.7   76.0
 20    5.5   51.1       87    6.8   65.5      154   10.8   74.8
 21    5.3   49.3       88    7.2   71.6      155   10.8   73.4
 22    5.6   49.7       89    7.8   75.1      156   10.8   72.4
 23    6.0   54.4       90    7.9   72.6      157   10.7   72.6
 24    6.2   58.5       91    8.0   71.0      158   10.3   73.0
 25    6.0   61.8       92    8.1   69.2      159   10.1   74.2
 26    5.6   62.9       93    8.0   69.4      160   10.2   76.6
 27    4.8   62.4       94    7.9   72.1      161   10.3   79.3
 28    4.3   59.9       95    8.1   72.4      162   10.3   81.1
 29    4.5   50.4       96    8.2   71.7      163   10.3   81.0
 30    5.3   42.4       97    8.5   69.7      164   10.3   81.0
 31    6.3   38.6       98    9.4   66.4      165   10.2   80.3
 32    7.3   35.7       99    9.7   63.0      166   10.3   78.2
 33    8.2   34.2      100    9.8   62.6      167   10.3   77.5
 34    8.5   36.2      101   10.0   65.5      168   10.3   77.4
 35    9.2   37.4      102   10.1   67.5      169   10.4   76.7
 36    9.5   39.7      103    9.9   68.7      170   10.6   77.7
 37    9.1   40.6      104    9.6   69.3      171   10.7   78.4
 38    8.3   40.5      105    9.3   68.9      172   10.8   78.1
 39    7.7   42.8      106    9.0   68.0      173   11.0   78.8
 40    7.2   44.4      107    8.6   67.8      174   11.6   78.6
 41    7.0   44.1      108    8.4   68.0      175   12.4   76.8
 42    7.2   43.1      109    8.4   68.5      176   12.8   76.1
 43    7.6   41.7      110    8.6   66.3      177   12.3   76.2
 44    8.0   40.4      111    9.2   65.0      178   12.1   74.8
 45    8.3   42.0      112    9.8   64.8      179   12.2   73.5
 46    8.4   45.4      113    9.9   64.8      180   12.7   74.2
 47    8.6   49.1      114   10.0   65.3      181   12.9   73.6
 48    8.7   51.1      115    9.9   65.9      182   12.5   72.8
 49    8.4   49.3      116    9.8   66.5      183   12.0   72.9
 50    8.1   44.3      117    9.5   67.3      184   11.9   73.3
 51    7.7   39.9      118    9.3   67.5      185   11.9   73.6
 52    7.1   39.2      119    9.2   67.3      186   11.8   71.0
 53    7.0   42.8      120    9.1   68.4      187   11.9   71.2
 54    6.7   49.1      121    9.3   69.1      188   11.9   72.2
 55    6.5   51.4      122    9.6   69.5      189   11.2   70.7
 56    6.4   51.4      123    9.6   67.5      190   11.0   68.8
 57    6.4   51.1      124    9.4   63.9      191   10.5   69.4
 58    6.4   50.9      125    9.3   61.9      192   10.6   70.5
 59    6.3   51.6      126    9.4   60.7      193   10.3   70.4
 60    6.3   54.4      127    9.6   61.3      194    9.7   68.2
 61    6.0   58.7      128   10.0   64.8      195    9.3   66.6
 62    6.0   61.9      129   10.6   69.9      196    9.3   66.6
 63    5.8   64.3      130   11.3   72.2
 64    5.5   68.8      131   11.6   73.5
 65    5.5   68.1      132   11.1   74.6
 66    5.8   64.3      133   10.5   74.3
```

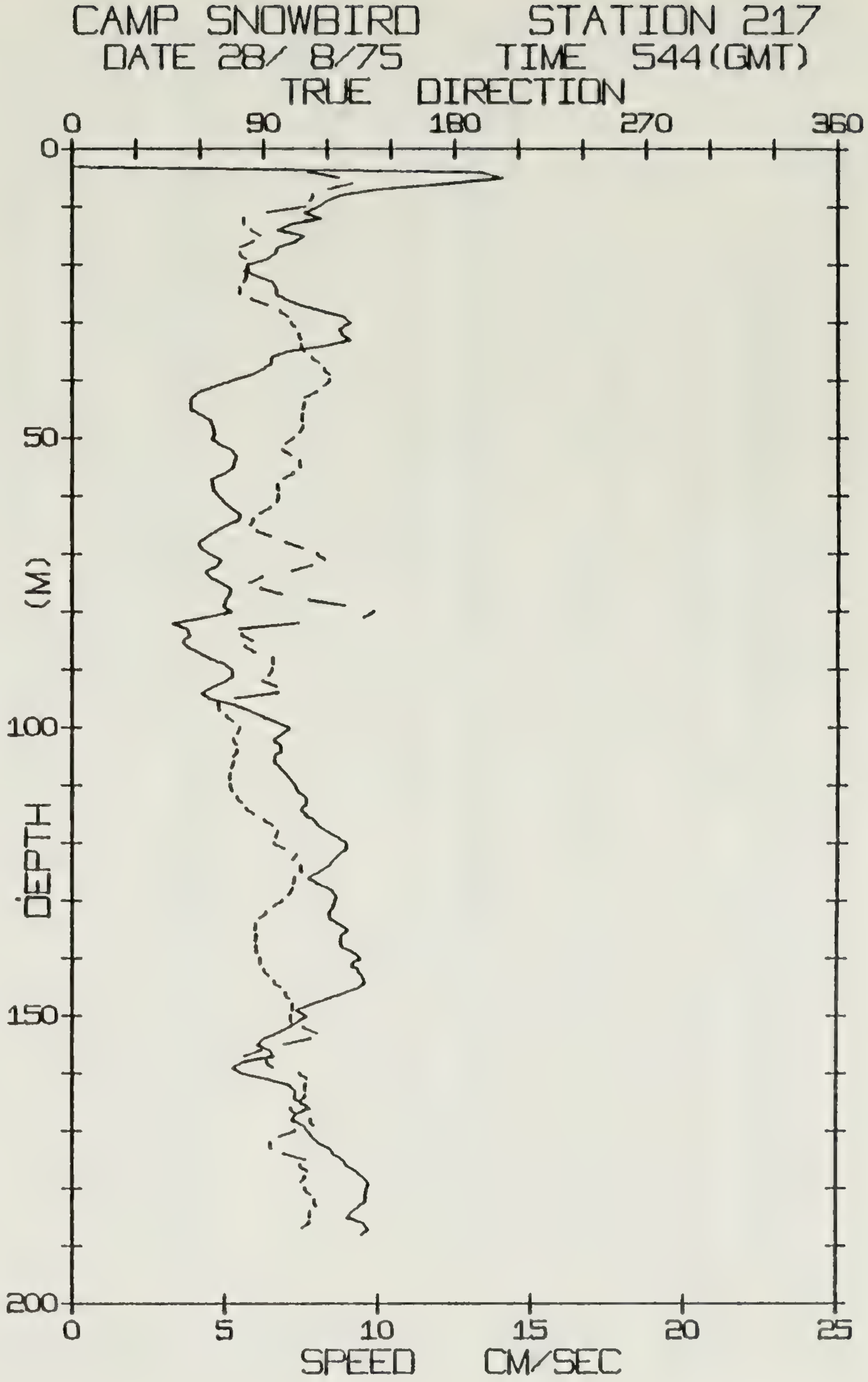

CAMP SNOWBIRD STATION 214
DATE 26/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 215
DATE 27/ 8/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 214     (197M. )     26/AUG/75      2243 GMT
LAT= 75.0424N  LONG= 144.0297W  LTER=     1.   LGER=     2.
NIVEL=  -2.2   EIVEL=    8.9     NVER=     0.   EVER=     0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999 9       67    2.9   112 7      134    3.2    93.8
  1    0.0   999 9       68    3 0   113.1      135    2.8    94.2
  2    0 0   999.9       69    3.3   116.5      136    2.6    95 7
  3    0 0   999.9       70    3 4   122.1      137    2.3    92.3
  4   11.0   129.3       71    3.2   127 1      138    2.3    71.2
  5   10 9   134.4       72    3.0   125 0      139    3.0    51.3
  6   10 4   138.9       73    3.1   118.4      140    4.0    57.2
  7    9.6   139.8       74    3.2   118.6      141    4.2    65.7
  8    9.4   141.7       75    3.0   122.5      142    3.5    63.0
  9    9 0   143.4       76    3 1   116.1      143    3.0    59.4
 10    8.4   145.2       77    3.7   109.1      144    2.7    60.3
 11    8.1   146.3       78    4.0   108.1      145    2.6    57.3
 12    8.2   146.3       79    4.7   107.9      146    2.6    58.7
 13    8.3   146 4       80    4.8   105.8      147    2.6    60.8
 14    8.2   147.1       81    4.5   108.3      148    2.7    65.4
 15    7 6   149.2       82    4.1   106 9      149    2.6    63.8
 16    7.0   150.9       83    3.8   108 8      150    2.6    70.7
 17    6 7   151.3       84    3.7   109.0      151    2.2    67.3
 18    6.5   149 8       85    3.3   102.0      152    1.8    64.5
 19    6.1   147 7       86    3.2    94.4      153    1.8    68.8
 20    5.1   145.5       87    2.8    93.4      154    2.0    63.7
 21    4.1   144.6       88    2.4    92.0      155    2.8    58.2
 22    3.9   141.5       89    2.1    88.9      156    3.4    58.1
 23    3.7   120.8       90    2.6    87.1      157    3.9    60.3
 24    4.0   103.1       91    3.1    86.3      158    4.3    64.9
 25    4.2   100.3       92    3.4    88.2      159    4.5    71.2
 26    4.2   109.9       93    3.7    91.5      160    4.4    71.4
 27    4.4   119.7       94    3.7    90.7      161    4.1    67.1
 28    4.9   123.5       95    3.9    90.9      162    4.1    63.5
 29    5.0   121.0       96    4.4    91.6      163    4.2    62.6
 30    4.8   116.6       97    4.8    92 6      164    4.7    62.8
 31    5 4   111.5       98    5.1    96.0      165    4.9    62.9
 32    5.9   108.1       99    4.5    95.0      166    4.8    62.9
 33    6.0   105.3      100    3.9    95.2      167    4.5    65.8
 34    5 9   103 0      101    3.7    96.4      168    4.3    70.1
 35    5.5   106.0      102    3.2    90 3      169    4.4    67.7
 36    4 7   109.0      103    3.1    81.3      170    4.5    65.3
 37    4.5   117.7      104    3.1    78.6      171    4.5    63.6
 38    4.6   123.3      105    3.2    81.5      172    4.3    62.1
 39    4.3   113.7      106    3.5    82.7      173    3.8    60.6
 40    3.9   111.7      107    3.8    87.0      174    3.5    58.9
 41    4.1   106.0      108    4.0    91.3      175    3.8    60.9
 42    4.7    95.2      109    3.7    89.7      176    4.3    67.1
 43    5 6    84 8      110    3.4    88.5      177    4.7    68.0
 44    4.7    87.5      111    3.2    87.4      178    4.4    68.5
 45    5.2    82.3      112    3.3    86.3      179    4.3    61.5
 46    6 5    81.2      113    3.5    86.9      180    4.4    54.4
 47    6.7    84.5      114    3.6    89.3      181    4.7    54.8
 48    5.9    91.8      115    3 7    91.6      182    4.8    58.9
 49    5.0   106.3      116    3.5    93.0      183    4.9    59.4
 50    4 9   119 9      117    3.1    93.4      184    4.9    59.5
 51    4 8   118.6      118    3.2    95.8      185    4.8    61.3
 52    4.7   115 8      119    3.5    95.8      186    4.8    63.8
 53    4.7   114.7      120    3 5    94.7      187    4.8    67.9
 54    4.6   112.0      121    3.8    91 1      188    4.8    72.1
 55    4.3   106 4      122    4.0    86 4      189    4.9    75.3
 56    4.8    99 4      123    3.8    83.9      190    4.8    80.1
 57    5 3    96.8      124    3.7    84.6      191    4.7    81.0
 58    5.2    99 5      125    3.3    81.4      192    4.6    75.5
 59    4.7   103.9      126    2.8    76.7      193    4.6    69.3
 60    4.1   110 4      127    2.7    64 8      194    5.0    68.3
 61    3 7   116.4      128    2.9    67.0      195    5.4    71.2
 62    3.9   122.6      129    3.0    76 6      196    5.9    74.4
 63    4.0   126.3      130    3.0    83.2      197    6.3    77.5
 64    3.8   124 7      131    3.3    87.5
 65    3.5   118 0      132    3.5    88.2
 66    3 3   114 2      133    3 5    90.1
```

```
SNOWBIRD STATION 215     (189M. )     27/AUG/75       543 GMT
LAT= 75.0305N  LONG= 143.9410W  LTER=    24    LGER=    49
NIVEL= -14.5   EIVEL=   17.5     NVER=     0.   EVER=     1.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6.6   120.4      134    8 5    98.2
  1    0 0   999.9       68    6.3   116.5      135    8.5    98.4
  2    0.0   999.9       69    6.3   111.7      136    8 4   100.2
  3    0.0   999.9       70    6.5   108.8      137    8.1   101 7
  4   16.0   129.3       71    6.3   113.1      138    7.9   100 6
  5   13.7   138.6       72    6.0   115.6      139    8.0    99.2
  6   13.0   138.9       73    6.0   108.7      140    8.1   100.3
  7   12.2   137.5       74    6.1   101.0      141    8.0   103.7
  8   11.2   137.5       75    6 1    96.7      142    7.7   107 4
  9   10.9   137.0       76    6.1    97.0      143    7 5   110.0
 10   11.2   133.9       77    6.4   100.6      144    7.5   111.4
 11   11.1   131.6       78    6.4   102.8      145    7.8   112.6
 12   11.1   129.4       79    6.2    99.8      146    8.0   113.4
 13   10.9   128.3       80    6 0    98.1      147    7.7   112 9
 14   10.7   128.1       81    5.9   100.9      148    7.3   111.4
 15   10.5   128.4       82    5.8   103.4      149    7.5   112.9
 16   10.4   129.3       83    5.5   101.3      150    7.8   114.2
 17   10.1   130.7       84    5.6    97.4      151    7.7   113.9
 18    9.6   132.3       85    6.0    95.8      152    7.6   113.1
 19    9.1   134.3       86    6.0    93.2      153    7.5   112.6
 20    8.8   134.6       87    5.9    94.8      154    7.7   112.5
 21    8.6   137.0       88    6.2    99.4      155    7.9   112.9
 22    8.5   137.6       89    6.9   106.4      156    8.1   115.4
 23    8.6   139.3       90    7.0   109.5      157    8.2   117.5
 24    9.2   140.8       91    6.6   110.1      158    8.2   118.3
 25    9.6   143.5       92    6.2   107.6      159    8.2   118.8
 26    9.3   146.4       93    6.3   106.0      160    8.2   115.3
 27    8.8   150.8       94    6.4   103.8      161    8.2   111.8
 28    9.3   151.4       95    6.3   100.5      162    7.9   112 2
 29   10.0   151.8       96    6.3    98.6      163    7 3   118 9
 30   10.3   152 4       97    6.1    99.4      164    7.1   126 4
 31   10.3   149 5       98    6.1   101.8      165    6.9   123.4
 32   10.2   142.6       99    6.3   105.4      166    7.0   120.0
 33   10.5   135.5      100    6.6   108.5      167    6.8   117.2
 34   10.7   132.7      101    6.7   104.8      168    6 5   118.8
 35   10.6   133.9      102    7.0   103.7      169    6.5   121.9
 36   10.3   132.7      103    7.3   105.5      170    6.7   121 1
 37    9.9   131.8      104    7.5   107.9      171    6.9   117 0
 38   10.0   130.1      105    7.3   108.2      172    6.9   111.6
 39    9.9   127.4      106    7.0   107.2      173    7.1   108.4
 40    9.8   124.7      107    6.5   104.2      174    6.5   112.0
 41    9.9   122.9      108    6.0   100.4      175    6.4   110.5
 42   10.0   122.9      109    6.0    99.4      176    6.7   111.8
 43    9.8   122.6      110    6.2   100.4      177    7.0   118 5
 44    9.4   121.9      111    6.4   101.6      178    7.5   118.4
 45    9.4   121.7      112    6.4   101.4      179    7.7   115.8
 46    9.5   121.7      113    6.6    99 1      180    7 9   114.0
 47    9.8   121.9      114    6.9    97.3      181    8.1   114.5
 48   10.1   122.1      115    7.0    98.4      182    8.2   116.0
 49    9.9   121.6      116    7.1    98.6      183    8.0   115.6
 50    9.1   119.9      117    7.1    98.0      184    7.8   115.1
 51    8.4   117 6      118    6.8    95.4      185    7.6   115.1
 52    7.7   114.4      119    6.7    93.9      186    7.7   115.6
 53    7.7   112.0      120    6.7    93.6      187    7.8   116.3
 54    8.0   111.1      121    6.8    94.1      188    8.0   117 1
 55    8.3   110 2      122    6 8    94 3      189    8.3   117.8
 56    8.2   108 6      123    6.8    94.2
 57    8.2   107.4      124    6.7    93.9
 58    8.0   107.3      125    6 8    95.1
 59    7.9   107 7      126    7.2    95 7
 60    7.9   108.9      127    7.5    95.5
 61    8.2   113.1      128    7.7    97.0
 62    8.2   115.4      129    7 8    98 1
 63    8.1   114.4      130    7.8    96 2
 64    7.7   114.3      131    7.9    95.4
 65    7.2   115.2      132    8.3    96 3
 66    6.9   118.5      133    8.5    97.8
```


CAMP SNOWBIRD STATION 216
DATE 27/ 8/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

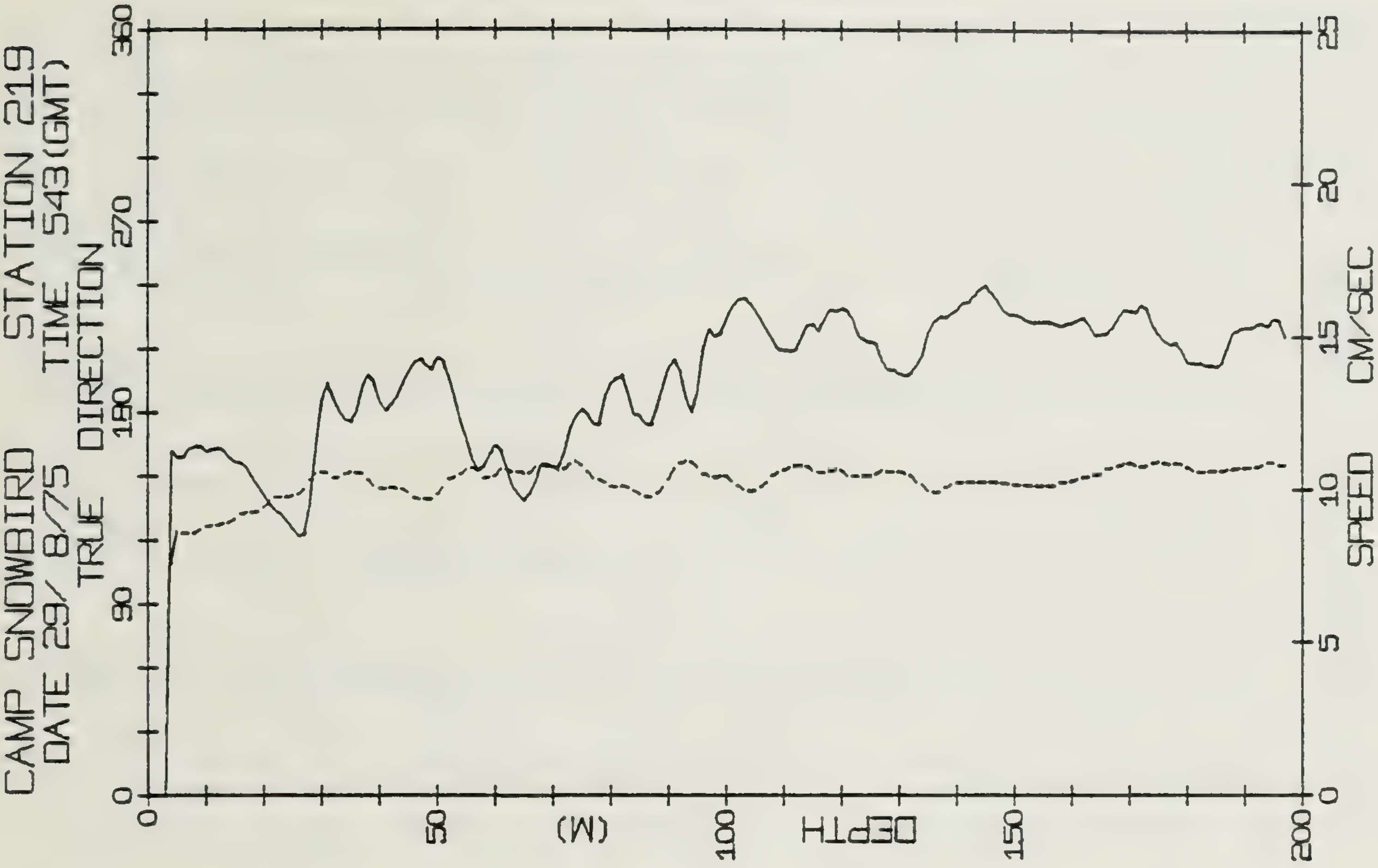

CAMP SNOWBIRD STATION 217
DATE 28/ 8/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

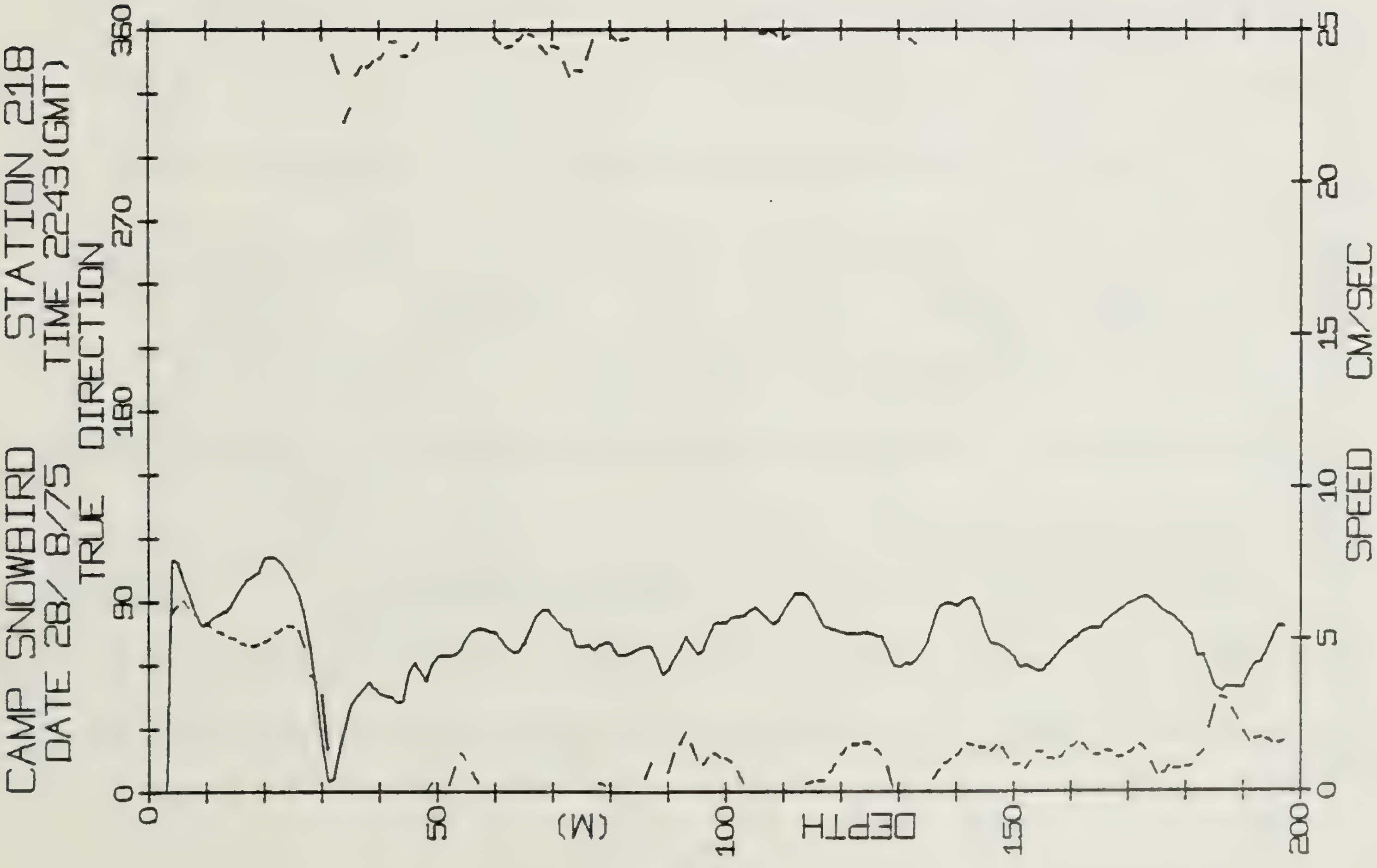
SNOWBIRD STATION 216 (170M.) 27/AUG/75 2244 GMT
LAT= 74.9253N LONG= 143.6409W LTER= 1 LGER= 2.
NIVEL= -21.5 EIVEL= 22.8 NVER= 0 EVER= 0

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	8.9	125.1	134	10.4	97.8
1	0.0	999.9	68	9.4	126.9	135	10.2	102.5
2	0.0	999.9	69	9.3	131.1	136	10.5	101.3
3	0.0	999.9	70	9.2	129.3	137	11.8	99.3
4	21.1	138.0	71	9.1	125.8	138	11.4	101.7
5	18.8	147.3	72	9.2	122.5	139	11.2	101.2
6	17.4	150.1	73	9.5	121.8	140	11.2	101.4
7	16.4	152.6	74	9.9	123.6	141	11.3	101.9
8	16.7	152.4	75	10.3	127.3	142	11.0	100.4
9	16.3	151.8	76	10.5	129.7	143	10.9	100.2
10	16.0	149.9	77	10.6	132.2	144	11.2	100.6
11	15.8	147.5	78	10.4	134.8	145	11.8	100.4
12	14.7	146.4	79	10.4	134.1	146	11.5	102.5
13	14.1	148.6	80	9.9	132.8	147	11.3	103.1
14	14.6	151.9	81	9.5	136.1	148	11.7	101.7
15	15.4	155.5	82	9.1	137.6	149	12.3	99.1
16	16.2	158.2	83	8.7	137.8	150	13.1	98.3
17	16.2	157.2	84	8.5	137.8	151	13.7	98.7
18	16.0	154.5	85	8.3	137.8	152	13.2	101.1
19	14.8	151.6	86	8.1	137.8	153	13.0	102.9
20	14.5	148.6	87	8.1	142.6	154	13.3	99.7
21	14.7	150.5	88	8.0	146.5	155	14.2	96.9
22	14.1	153.3	89	8.3	146.2	156	14.3	96.1
23	13.5	148.8	90	8.3	142.0	157	13.6	96.8
24	13.6	143.8	91	8.1	137.2	158	13.6	96.9
25	13.8	141.4	92	8.1	136.8	159	13.6	97.0
26	13.1	136.2	93	8.1	136.6	160	13.7	97.8
27	12.2	124.5	94	7.7	136.5	161	13.8	98.6
28	11.8	116.4	95	7.6	136.1	162	13.9	99.3
29	11.8	117.3	96	7.9	135.4	163	13.9	99.6
30	11.8	121.8	97	8.4	130.0	164	13.9	99.3
31	12.7	126.4	98	8.7	130.1	165	13.8	98.8
32	14.0	129.0	99	8.7	129.8	166	13.9	98.5
33	14.5	131.5	100	8.9	130.3	167	13.8	97.8
34	14.3	133.2	101	9.1	131.1	168	13.8	98.0
35	13.8	130.9	102	9.1	128.0	169	13.9	98.5
36	13.4	127.5	103	9.0	123.8	170	14.0	99.3
37	13.1	124.9	104	8.6	122.3			
38	13.1	124.4	105	8.3	121.2			
39	12.5	120.5	106	8.3	120.7			
40	12.1	116.2	107	8.1	119.6			
41	12.4	114.0	108	7.9	118.5			
42	12.8	113.8	109	8.1	118.8			
43	12.9	114.2	110	8.5	119.4			
44	12.9	114.2	111	8.6	118.9			
45	12.9	114.2	112	8.4	117.6			
46	13.1	114.6	113	8.1	115.8			
47	13.4	115.2	114	7.8	113.0			
48	13.5	115.5	115	7.7	111.2			
49	13.6	115.6	116	8.2	107.3			
50	13.5	115.4	117	8.6	104.2			
51	13.4	114.9	118	8.3	102.0			
52	13.2	114.3	119	8.0	100.1			
53	13.0	113.7	120	8.2	101.0			
54	13.2	112.2	121	8.4	102.2			
55	13.5	111.1	122	8.7	103.5			
56	13.4	112.4	123	8.9	102.3			
57	13.2	115.0	124	9.3	98.2			
58	12.8	117.2	125	9.2	96.2			
59	11.7	118.4	126	9.4	94.3			
60	11.0	117.2	127	10.2	92.3			
61	10.5	117.5	128	9.7	91.2			
62	10.3	117.8	129	8.8	90.1			
63	9.6	118.4	130	8.6	94.0			
64	8.9	118.9	131	9.5	94.3			
65	8.7	120.9	132	10.4	94.6			
66	8.6	123.3	133	10.7	93.7			

SNOWBIRD STATION 217 (108M.) 28/AUG/75 544 GMT
LAT= 74.8939N LONG= 143.4881W LTER= 0. LGER= 0
NIVEL= -6.2 EIVEL= 23.1 NVER= 0. EVER= 0.

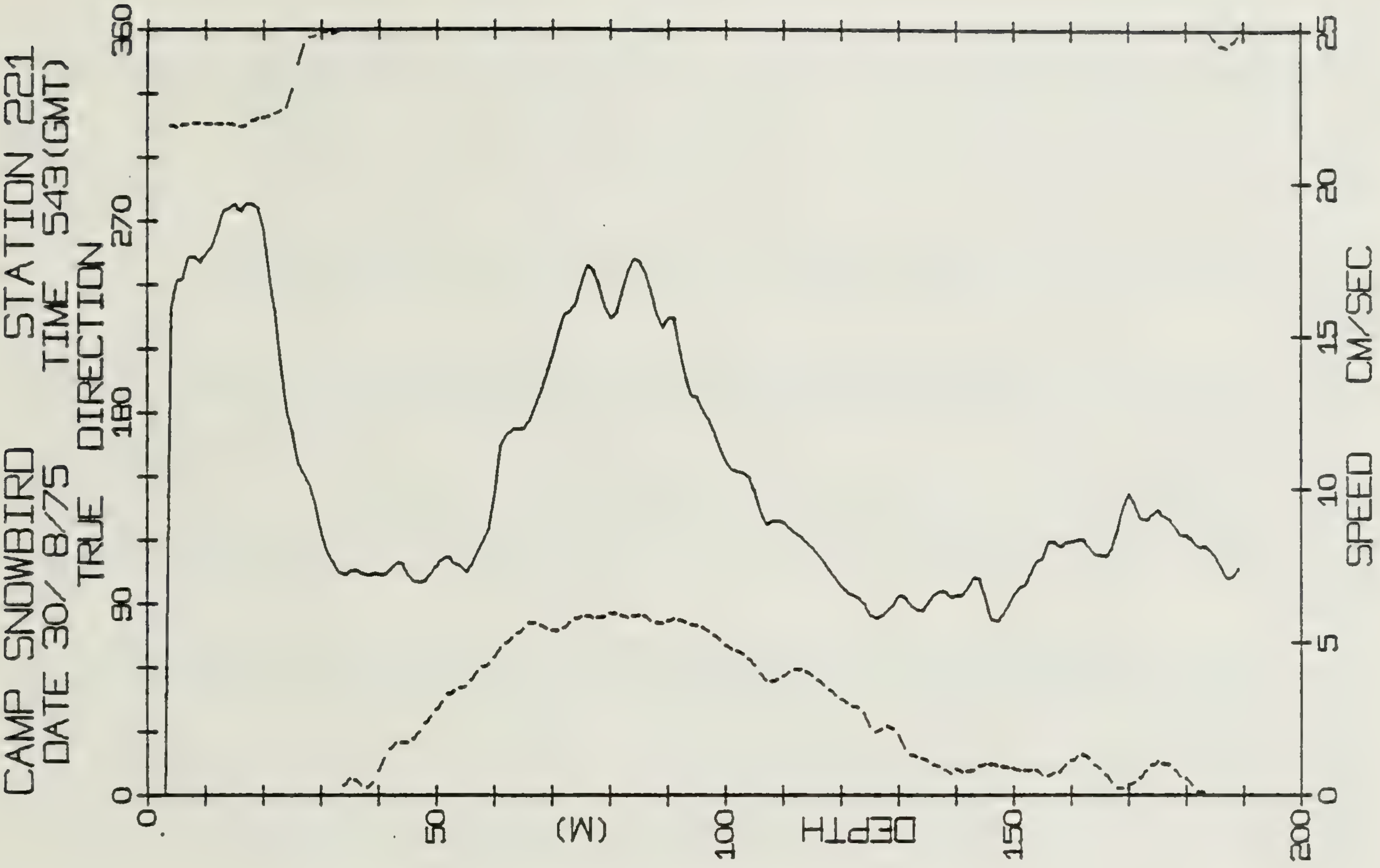
DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.4	93.4	134	8.7	86.5
1	0.0	999.9	68	4.1	100.4	135	9.0	85.9
2	0.0	999.9	69	4.2	108.2	136	8.8	86.6
3	0.0	999.9	70	4.5	115.1	137	8.8	86.2
4	13.4	111.2	71	4.9	118.6	138	8.8	86.5
5	14.0	125.2	72	4.8	112.6	139	9.2	86.8
6	12.2	131.7	73	4.4	103.5	140	9.4	88.3
7	9.9	120.5	74	4.5	89.4	141	9.1	88.6
8	8.8	113.1	75	4.9	83.8	142	9.3	90.2
9	8.3	111.6	76	5.2	88.6	143	9.5	92.5
10	8.0	109.5	77	5.1	98.6	144	9.6	95.0
11	7.6	91.8	78	5.0	111.3	145	9.4	98.0
12	8.1	80.7	79	5.0	128.2	146	8.9	100.2
13	7.2	80.3	80	5.2	141.8	147	8.3	102.1
14	6.7	84.0	81	4.3	137.5	148	7.8	103.8
15	7.6	88.2	82	3.3	106.3	149	7.3	103.8
16	7.3	85.1	83	3.8	78.7	150	7.7	102.9
17	6.7	79.1	84	3.9	79.8	151	7.4	103.6
18	6.6	78.4	85	3.6	84.5	152	7.1	108.8
19	6.4	81.2	86	3.8	81.5	153	6.7	115.1
20	5.7	82.5	87	4.1	85.6	154	6.2	112.2
21	5.6	83.1	88	4.5	94.2	155	6.0	100.2
22	6.1	82.0	89	5.0	94.8	156	6.5	89.2
23	6.5	80.7	90	5.2	93.7	157	6.6	81.4
24	6.7	78.6	91	5.3	92.3	158	5.6	91.5
25	6.7	78.5	92	5.0	90.0	159	5.2	94.3
26	7.0	84.2	93	4.6	96.2	160	5.6	107.2
27	7.5	91.5	94	4.2	97.3	161	6.4	110.7
28	8.2	97.6	95	4.5	76.6	162	7.1	109.8
29	8.9	101.3	96	5.3	69.0	163	7.3	109.5
30	9.1	102.7	97	5.8	69.5	164	7.3	109.5
31	8.8	105.2	98	6.2	72.6	165	7.5	106.5
32	8.8	106.7	99	6.7	75.8	166	7.8	103.1
33	9.1	107.7	100	7.1	78.8	167	7.3	105.3
34	8.3	108.0	101	6.9	77.7	168	7.2	112.2
35	7.0	109.1	102	6.6	76.0	169	7.6	113.7
36	6.5	112.8	103	6.8	77.3	170	7.7	105.3
37	6.5	115.6	104	6.9	77.9	171	7.9	97.5
38	6.2	118.4	105	6.6	76.1	172	8.1	93.2
39	5.8	120.7	106	6.7	75.9	173	8.4	93.6
40	5.2	121.1	107	6.8	75.0	174	8.6	99.9
41	4.6	118.4	108	7.0	74.3	175	8.9	109.7
42	4.1	114.7	109	7.2	74.4	176	9.0	107.5
43	3.9	109.7	110	7.3	74.8	177	9.3	110.5
44	3.9	108.9	111	7.4	75.7	178	9.5	109.5
45	3.9	108.3	112	7.6	77.7	179	9.7	107.6
46	4.2	108.0	113	7.7	79.8	180	9.6	109.6
47	4.5	108.0	114	7.5	81.8	181	9.6	112.0
48	4.6	108.4	115	7.6	85.4	182	9.6	114.1
49	4.6	106.9	116	7.9	90.5	183	9.4	114.9
50	4.6	103.9	117	8.1	94.5	184	9.2	112.1
51	4.8	100.3	118	8.4	96.7	185	9.0	111.7
52	5.2	99.0	119	8.7	95.9	186	9.6	111.3
53	5.4	102.9	120	9.0	94.7	187	9.7	108.3
54	5.3	106.8	121	9.0	99.8	188	9.5	111.2
55	5.2	107.5	122	8.7	105.6			
56	5.0	104.2	123	8.5	103.7			
57	4.6	100.0	124	8.4	107.5			
58	4.6	96.9	125	8.1	108.2			
59	4.6	97.1	126	7.7	104.9			
60	4.8	96.9	127	8.0	104.1			
61	5.0	96.4	128	8.4	103.5			
62	5.2	93.0	129	8.6	101.9			
63	5.5	88.5	130	8.6	99.3			
64	5.4	85.1	131	8.5	94.7			
65	5.1	83.7	132	8.4	91.3			
66	4.7	86.7	133	8.4	88.6			

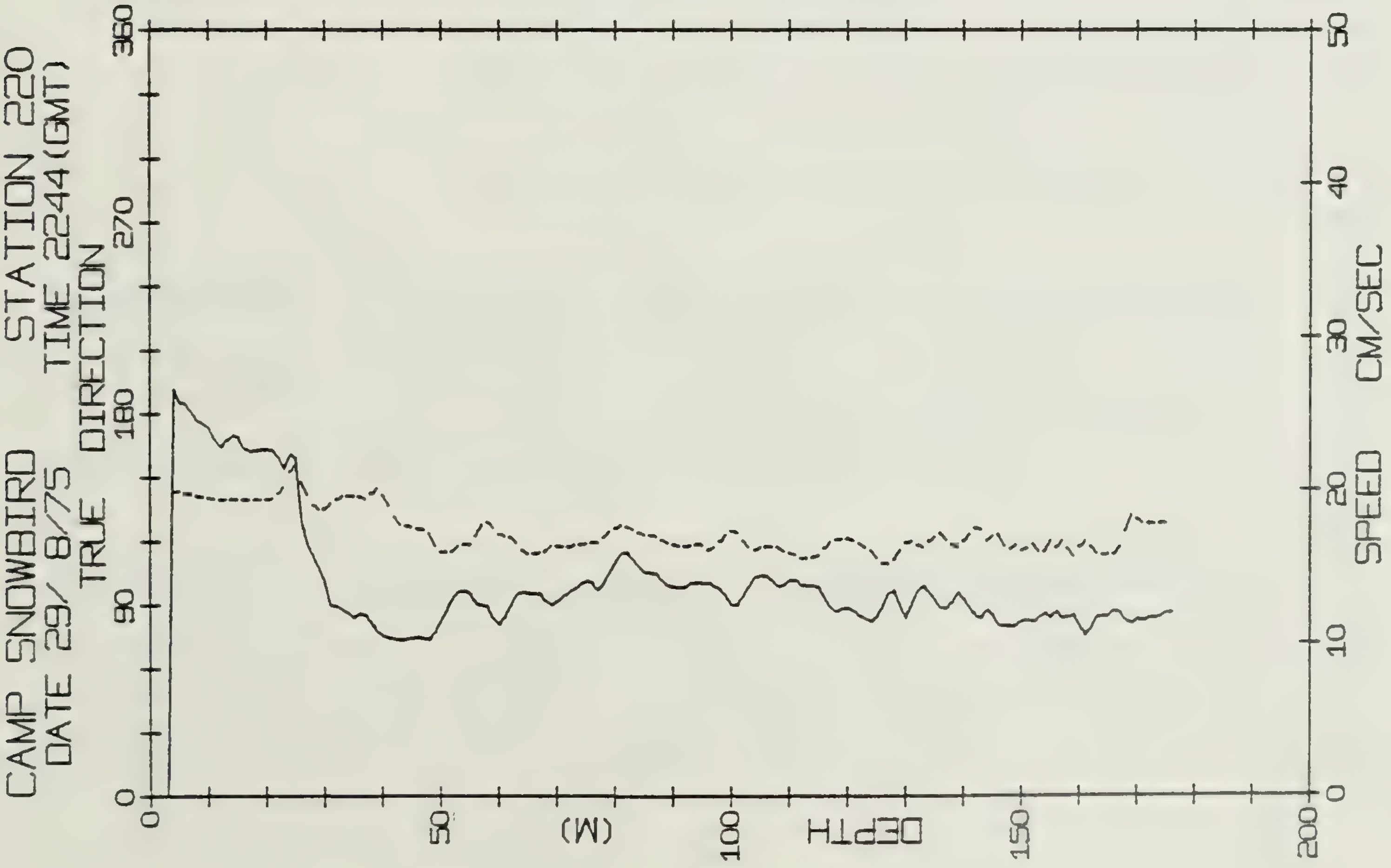

CAMP SNOWBIRD
DATE 29/ 8/75
STATION 219
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 28/ 8/75
STATION 218
TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 218     (197M )     28/AUG/75      2243 GMT
LAT= 74.8373N  LONG= 143.1501W  LTER=    21    LGER=    23.
NIVEL=   6.1   EIVEL=    6.8    NVER=     1    EVER=     2.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    5.8   356.4     134    4.6   357.9
  1    0.0   999.9      68    6.0   352.0     135    4.9     4.3
  2    0.0   999.9      69    6.0   348.6     136    5.6     6.3
  3    0.0   999.9      70    5.8   352.4     137    6.1    10.4
  4    7.6    84.7      71    5.6   351.4     138    6.2    13.6
  5    7.5    88.3      72    5.4   344.6     139    6.2    15.3
  6    6.9    90.5      73    5.3   338.2     140    6.1    17.2
  7    6.5    87.4      74    4.8   340.7     141    6.2    20.2
  8    5.9    84.3      75    4.8   340.4     142    6.4    22.8
  9    5.5    80.8      76    4.8   346.2     143    6.3    21.7
 10    5.5    80.0      77    4.7   355.2     144    5.9    20.6
 11    5.7    77.8      78    4.8     4.3     145    5.3    20.6
 12    5.8    75.8      79    4.9     3.3     146    4.9    19.4
 13    5.9    74.4      80    4.9   358.4     147    4.8    21.8
 14    6.1    73.1      81    4.5   355.3     148    4.7    20.4
 15    6.4    72.2      82    4.5   355.4     149    4.6    16.1
 16    6.7    70.3      83    4.6   356.2     150    4.4    13.0
 17    7.0    69.2      84    4.6   356.7     151    4.1    13.3
 18    7.1    69.1      85    4.7     0.2     152    4.2    11.3
 19    7.2    70.0      86    4.8     6.7     153    4.1    14.5
 20    7.7    71.1      87    4.8    13.4     154    4.0    18.8
 21    7.7    72.7      88    4.4    10.3     155    4.0    18.6
 22    7.7    75.3      89    3.9   356.6     156    4.2    16.0
 23    7.5    77.4      90    4.0     9.2     157    4.4    15.0
 24    7.2    78.8      91    4.4    18.3     158    4.6    16.2
 25    6.8    78.4      92    4.7    22.8     159    4.8    18.5
 26    6.5    76.5      93    5.1    28.2     160    5.0    21.2
 27    5.8    68.6      94    4.8    22.7     161    5.1    23.4
 28    4.7    55.4      95    4.6    15.4     162    5.3    22.4
 29    3.2    52.4      96    4.7    13.4     163    5.4    19.4
 30    1.6    46.1      97    5.1    16.3     164    5.4    17.3
 31    0.4    20.4      98    5.6    18.0     165    5.4    17.2
 32    0.4   347.9      99    5.5    16.5     166    5.6    19.2
 33    1.4   339.7     100    5.6    15.8     167    5.8    18.6
 34    2.2   316.5     101    5.8    14.0     168    5.9    16.4
 35    2.9   322.9     102    5.8     9.9     169    6.1    16.1
 36    3.2   338.6     103    5.8     4.7     170    6.2    18.2
 37    3.4   342.7     104    5.9     0.2     171    6.3    20.3
 38    3.6   342.4     105    6.1   358.0     172    6.4    22.1
 39    3.4   344.9     106    5.9   358.2     173    6.4    19.6
 40    3.2   346.3     107    5.7   358.8     174    6.3    13.5
 41    3.1   348.8     108    5.5   359.0     175    6.1     8.0
 42    3.1   354.3     109    5.6   357.2     176    5.9     8.8
 43    2.9   354.7     110    5.9   355.9     177    5.8    11.8
 44    3.0   347.6     111    6.3   357.4     178    5.7    10.8
 45    4.0   347.8     112    6.5   359.5     179    5.5    10.7
 46    4.3   350.4     113    6.5     1.8     180    5.3    11.8
 47    3.9   354.1     114    6.4     4.3     181    5.1    12.3
 48    3.7     0.3     115    6.2     5.3     182    4.5    16.7
 49    4.2     4.2     116    5.8     5.7     183    4.5    19.2
 50    4.5     2.1     117    5.4     5.5     184    4.0    30.3
 51    4.5   355.3     118    5.4     9.5     185    3.4    40.2
 52    4.5     3.3     119    5.3    13.3     186    3.3    44.6
 53    4.5    11.6     120    5.2    17.7     187    3.4    43.7
 54    4.7    18.2     121    5.2    21.2     188    3.4    38.9
 55    5.1    15.4     122    5.2    22.7     189    3.4    34.3
 56    5.3     9.3     123    5.2    23.1     190    3.5    28.3
 57    5.4     4.8     124    5.2    23.7     191    3.9    24.0
 58    5.3     1.6     125    5.2    22.8     192    4.2    25.2
 59    5.3   359.0     126    5.1    19.9     193    4.3    25.9
 60    5.2   356.3     127    5.1    17.5     194    4.6    24.7
 61    5.0   353.8     128    4.7    11.9     195    5.0    22.9
 62    4.7   351.9     129    4.2     2.1     196    5.4    23.2
 63    4.6   352.6     130    4.1     0.0     197    5.4    23.8
 64    4.6   355.1     131    4.2     0.6
 65    4.9   357.9     132    4.2   355.4
 66    5.3   358.0     133    4.3   353.5
```

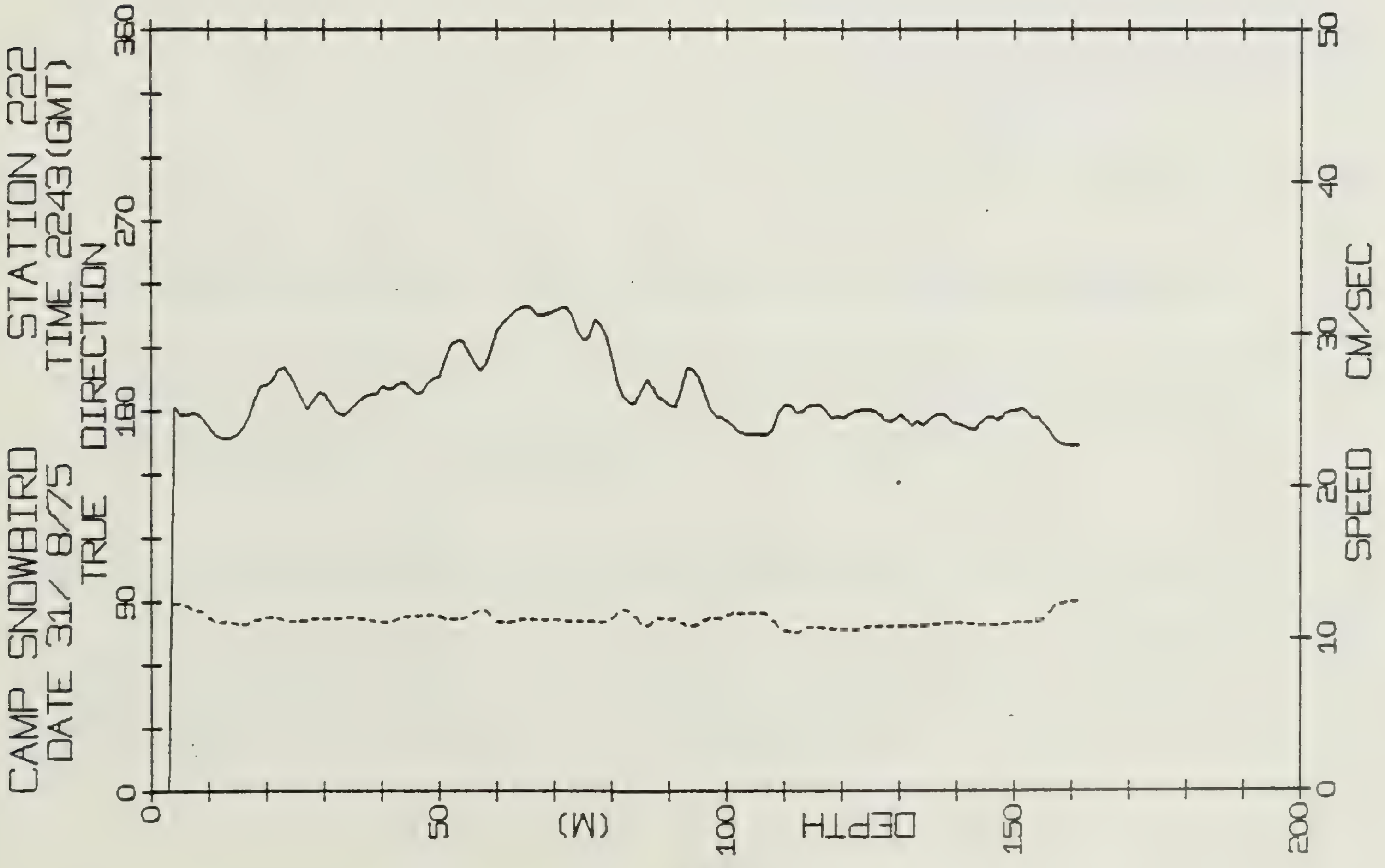
```
SNOWBIRD STATION 219     (197M.)     29/AUG/75       543 GMT
LAT= 74.8495N  LONG= 143.1393W  LTER=   371.   LGER=   351.
NIVEL=  -2.5   EIVEL=    8.7    NVER=     4    EVER=     4

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67   10.2   154.4     134   14.4   146.2
  1    0.0   999.9      68   10.8   155.2     135   15.1   143.9
  2    0.0   999.9      69   10.8   154.4     136   15.5   142.5
  3    0.0   999.9      70   10.7   154.0     137   15.6   143.2
  4   11.3   109.1      71   10.7   152.6     138   15.6   145.0
  5   11.1   123.8      72   11.2   153.4     139   15.7   146.6
  6   11.0   123.3      73   12.0   155.9     140   15.9   147.4
  7   11.3   123.1      74   12.4   157.2     141   16.1   147.8
  8   11.4   123.6      75   12.6   155.2     142   16.1   147.5
  9   11.4   125.0      76   12.4   152.4     143   16.3   147.5
 10   11.2   126.5      77   12.1   149.2     144   16.6   147.6
 11   11.3   127.0      78   12.1   148.2     145   16.7   147.8
 12   11.4   127.2      79   13.0   147.1     146   16.4   147.6
 13   11.2   128.1      80   13.5   145.3     147   16.2   147.5
 14   11.0   129.0      81   13.6   145.0     148   15.9   146.8
 15   10.9   130.3      82   13.7   145.6     149   15.7   146.5
 16   10.8   132.5      83   13.1   144.7     150   15.7   146.2
 17   10.7   133.4      84   12.4   143.1     151   15.6   146.0
 18   10.4   133.4      85   12.4   141.7     152   15.5   145.7
 19   10.1   133.9      86   12.1   140.4     153   15.4   145.7
 20    9.8   135.8      87   12.1   140.2     154   15.5   145.9
 21    9.5   138.3      88   12.7   142.0     155   15.5   146.1
 22    9.3   140.2      89   13.4   144.8     156   15.5   146.1
 23    9.2   140.3      90   13.9   148.8     157   15.4   145.7
 24    9.0   140.5      91   14.2   153.4     158   15.4   147.3
 25    8.7   141.3      92   13.9   156.3     159   15.4   147.8
 26    8.5   142.0      93   13.0   157.8     160   15.5   148.4
 27    8.5   144.0      94   12.5   156.9     161   15.6   149.4
 28    9.6   148.3      95   13.2   154.3     162   15.6   150.0
 29   11.4   151.5      96   14.6   151.3     163   15.4   150.6
 30   12.9   152.0      97   15.2   150.0     164   15.1   151.2
 31   13.5   151.4      98   15.0   149.5     165   15.1   152.0
 32   13.0   149.3      99   15.1   150.2     166   15.1   154.0
 33   12.5   149.7     100   15.5   150.0     167   15.3   154.6
 34   12.3   151.3     101   16.0   147.8     168   15.6   155.5
 35   12.2   152.2     102   16.2   145.8     169   15.9   156.7
 36   12.5   151.6     103   16.3   143.9     170   15.8   156.7
 37   13.3   151.2     104   16.1   143.2     171   15.8   155.5
 38   13.7   148.4     105   15.9   143.7     172   16.0   155.1
 39   13.5   145.7     106   15.5   145.3     173   15.9   155.5
 40   12.9   144.4     107   15.2   147.3     174   15.4   157.0
 41   12.6   144.4     108   14.9   150.4     175   15.1   157.5
 42   12.8   144.9     109   14.6   152.1     176   14.9   156.5
 43   13.0   144.2     110   14.5   153.3     177   14.8   156.1
 44   13.5   143.7     111   14.5   154.5     178   14.8   156.6
 45   13.8   142.5     112   14.6   155.2     179   14.6   156.1
 46   14.1   140.1     113   15.0   155.6     180   14.2   154.6
 47   14.3   139.3     114   15.4   154.7     181   14.1   153.0
 48   14.1   139.8     115   15.4   152.7     182   14.1   152.4
 49   13.9   139.8     116   15.2   151.8     183   14.1   152.4
 50   14.3   141.7     117   15.5   151.9     184   14.1   152.9
 51   14.2   145.0     118   15.9   152.9     185   14.0   152.9
 52   13.6   148.7     119   15.8   153.7     186   14.1   153.1
 53   13.0   149.8     120   15.9   152.8     187   14.7   153.6
 54   12.2   151.0     121   15.8   150.6     188   15.1   153.8
 55   11.7   153.2     122   15.5   150.1     189   15.3   154.4
 56   11.0   154.0     123   15.0   150.3     190   15.3   154.1
 57   10.6   152.5     124   14.9   150.6     191   15.3   154.5
 58   10.7   149.5     125   14.8   150.8     192   15.4   154.7
 59   11.1   149.8     126   14.7   151.6     193   15.4   155.7
 60   11.4   150.5     127   14.2   153.2     194   15.3   156.9
 61   11.3   153.4     128   13.9   152.4     195   15.6   156.7
 62   10.7   153.1     129   13.9   152.3     196   15.5   155.2
 63   10.1   151.8     130   13.8   152.5     197   15.0   155.9
 64    9.8   152.4     131   13.7   151.5
 65    9.6   151.3     132   13.8   150.4
 66    9.9   151.8     133   14.1   147.6
```

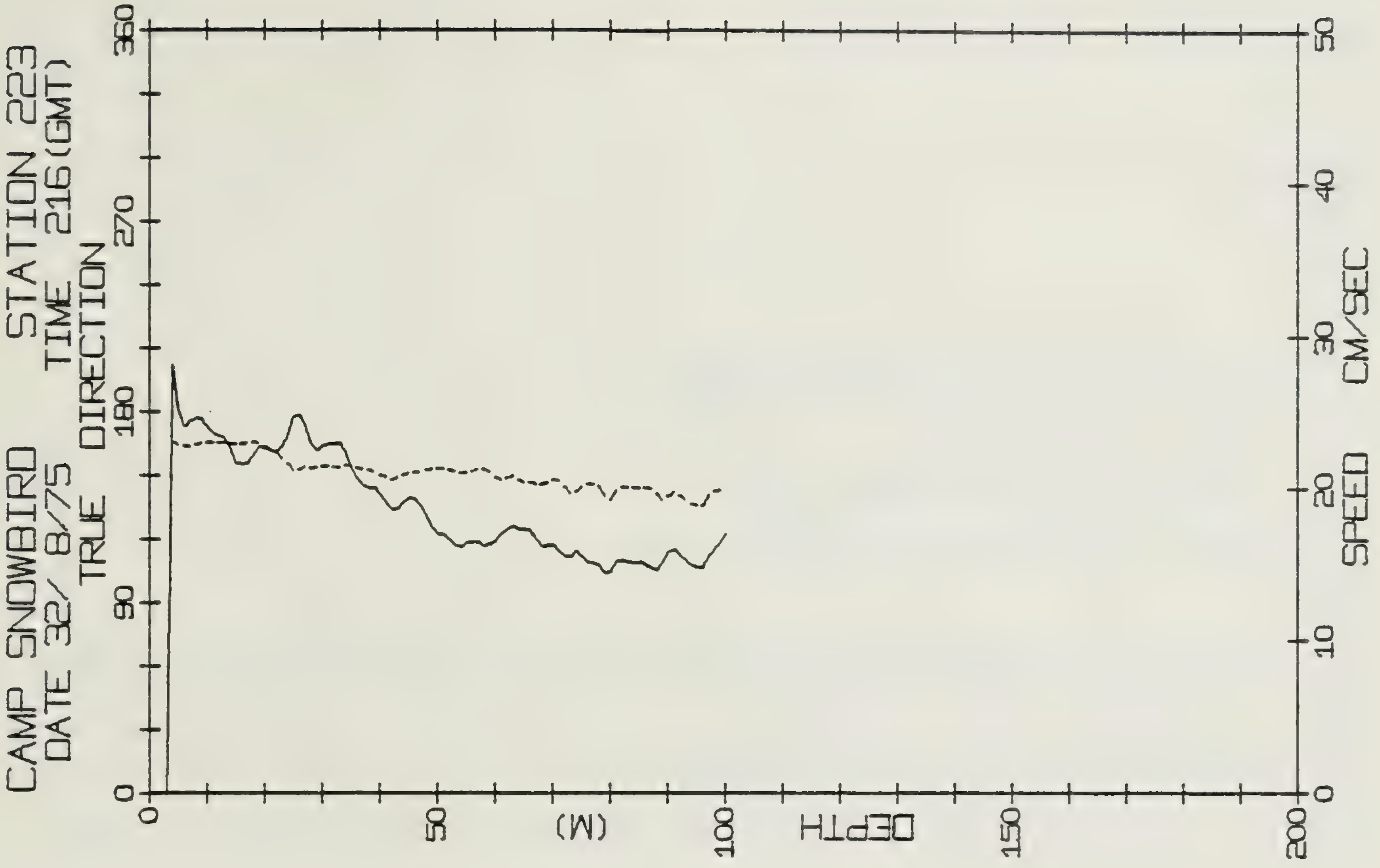

CAMP SNOWBIRD
STATION 221
DATE 30/ 8/75
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 220
DATE 29/ 8/75
TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50

```
SNOWBIRD STATION 220    (176M. )     29/AUG/75     2244 GMT
LAT= 74. 7893N  LONG= 143 0301W  LTER=     3   LGER=     5.
NIVEL= -24. 6   EIVEL=  22. 0    NVER=     1.  EVER=     1.

 DPT    SPD     DRN         DPT    SPD     DRN         DPT    SPD     DRN
   0    0  0   999. 9        67   13. 3   114. 9       134   13. 3   119. 9
   1    0. 0   999. 9        68   12. 8   115  7       135   12. 8   122. 0
   2    0. 0   999. 9        69   12  5   117. 8       136   12. 3   123. 4
   3    0. 0   999  9        70   12  7   117. 6       137   12  3   120. 9
   4   26. 6   143. 2        71   13. 1   117. 4       138   12. 7   118. 5
   5   25. 8   143. 6        72   13. 4   117. 4       139   13. 3   117. 0
   6   25  6   142. 7        73   13. 6   118  6       140   12. 9   120. 2
   7   25. 1   142. 0        74   13. 9   118. 9       141   12. 3   123. 2
   8   24. 5   141. 1        75   14. 1   119. 3       142   11. 8   126. 4
   9   24. 3   140. 5        76   14. 0   119. 6       143   11. 6   125. 6
  10   24. 0   140. 1        77   13. 5   119. 2       144   12. 1   120. 4
  11   23. 3   139. 7        78   14. 0   122. 0       145   11. 9   122. 5
  12   22. 8   139. 4        79   14. 6   124. 4       146   11. 2   123. 2
  13   23  2   139. 8        80   15. 3   126. 4       147   11. 1   117. 9
  14   23. 5   139. 9        81   15. 9   127. 8       148   11. 1   116. 4
  15   23. 5   139. 6        82   15. 9   126. 9       149   11. 2   118. 0
  16   22  7   139  6        83   15. 5   125. 6       150   11. 5   115. 9
  17   22. 5   139  5        84   15. 0   123  9       151   11. 5   116. 7
  18   22. 6   139  4        85   14. 6   122. 6       152   11. 4   118. 5
  19   22. 7   139  5        86   14. 6   122. 3       153   11. 7   114. 9
  20   22. 7   140. 0        87   14. 5   122. 2       154   12. 0   115. 2
  21   22. 6   140. 5        88   14. 1   120. 6       155   11. 7   120. 0
  22   22  2   142. 7        89   13. 8   118. 9       156   12. 1   117. 0
  23   21  4   145. 7        90   13. 7   118. 2       157   11. 7   119. 7
  24   22. 3   153. 0        91   13. 6   117. 5       158   11. 7   116. 6
  25   22. 1   155. 9        92   13. 7   117. 5       159   11. 9   112. 8
  26   18  0   147. 9        93   14. 0   118. 3       160   11. 1   117. 2
  27   16. 5   142  2        94   14. 0   118. 9       161   10. 6   119. 7
  28   15. 7   137. 2        95   13. 9   118. 2       162   10. 9   117. 1
  29   14. 9   135. 2        96   14. 0   116. 1       163   11. 7   114. 3
  30   14. 1   135. 5        97   13. 7   117. 2       164   11. 7   113. 4
  31   12. 5   137. 6        98   13. 5   119. 7       165   11. 8   114. 0
  32   12  4   139. 6        99   13. 1   122. 6       166   12. 1   113. 8
  33   12  2   141. 2       100   12. 5   124. 6       167   12. 0   117. 3
  34   12. 0   141. 6       101   12. 5   124. 0       168   11. 5   124. 6
  35   11. 7   141. 2       102   13. 1   120. 3       169   11. 3   132. 3
  36   11. 9   140. 8       103   13. 7   117. 1       170   11. 5   130. 6
  37   11. 9   140  1       104   14. 3   115. 9       171   11. 5   128. 4
  38   11. 4   142  4       105   14. 5   117. 2       172   11. 6   128. 2
  39   10  8   144. 6       106   14  4   117. 6       173   11. 7   128. 4
  40   10. 5   141. 9       107   14  1   117. 4       174   11. 8   128. 8
  41   10  4   137. 4       108   13  8   116. 9       175   12. 0   128. 7
  42   10. 3   131  8       109   13. 8   115. 1       176   12. 0   128. 4
  43   10  2   128. 1       110   14  2   114. 2
  44   10  3   127. 4       111   14. 2   113. 4
  45   10  4   126. 6       112   13. 9   112. 1
  46   10. 5   126  0       113   13. 8   112. 1
  47   10. 3   125. 4       114   13. 8   112. 6
  48   10. 3   123  5       115   13. 7   113  5
  49   10  8   118. 4       116   13. 0   116. 7
  50   11. 5   115. 1       117   12. 4   119. 6
  51   12. 2   115. 2       118   12. 1   120. 7
  52   13  0   115. 7       119   12. 3   121. 4
  53   13. 4   117. 8       120   12. 3   121. 2
  54   13  5   118. 8       121   12. 1   120. 1
  55   13  2   118. 6       122   11. 8   118  8
  56   12  7   122  7       123   11  6   117. 0
  57   12  5   127  6       124   11. 4   115. 7
  58   12. 4   129. 2       125   11. 7   112. 4
  59   11. 7   126. 9       126   12  4   109  8
  60   11. 3   123. 5       127   13. 2   109. 4
  61   11. 7   122  4       128   13. 5   111  3
  62   12. 5   121. 7       129   12  5   115. 7
  63   13. 2   119  5       130   11. 7   119. 2
  64   13  4   115  9       131   12. 5   120. 1
  65   13  2   114  2       132   13. 4   118  4
  66   13  2   114. 2       133   13  8   117  1
```

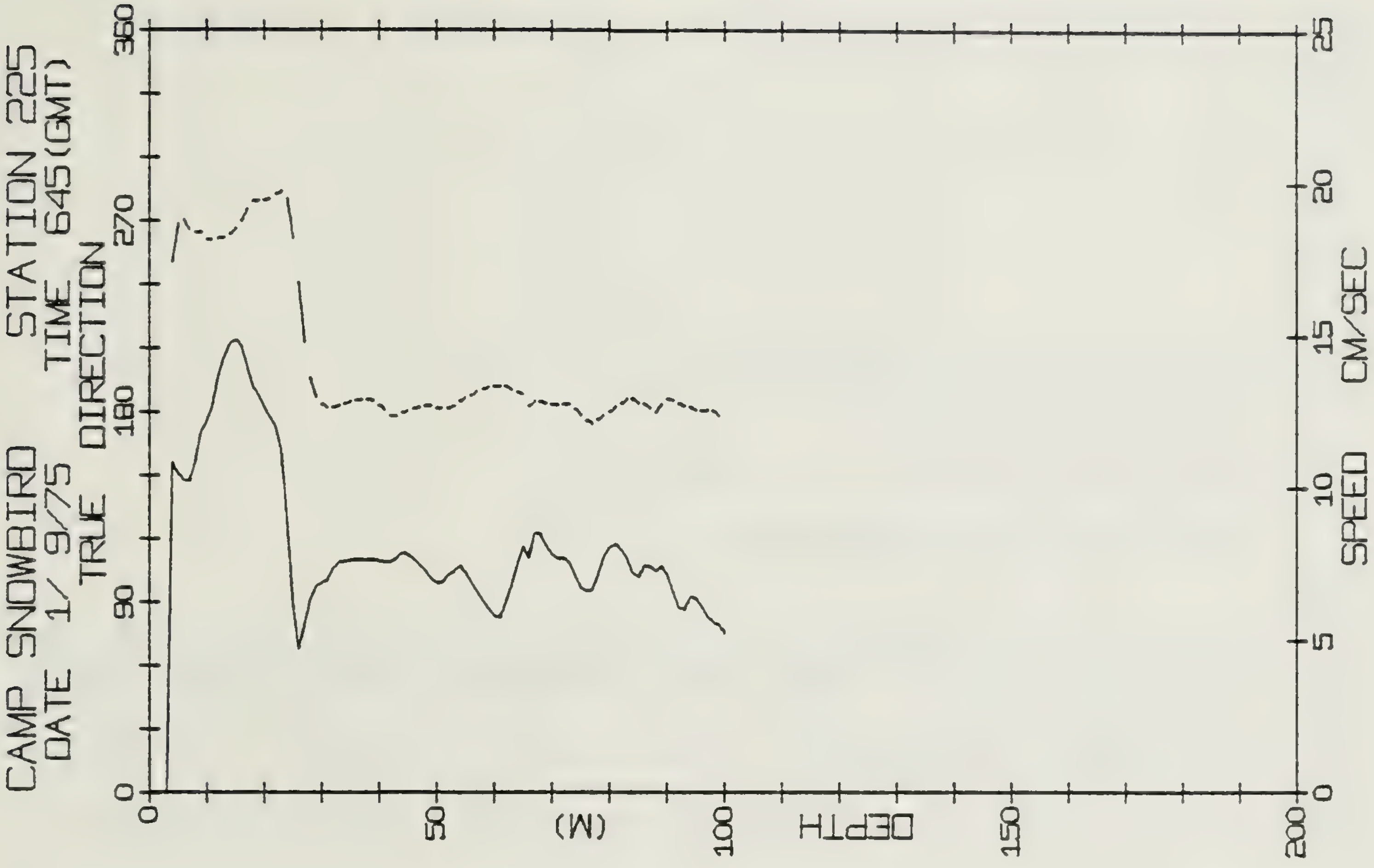
```
SNOWBIRD STATION 221    (189M. )     30/AUG/75      543 GMT
LAT= 74. 7414N  LONG= 143 0636W  LTER=     0.  LGER=     0.
NIVEL=   5. 0   EIVEL=  -7  4    NVER=     0   EVER=     0.

 DPT    SPD     DRN         DPT    SPD     DRN         DPT    SPD     DRN
   0    0. 0   999. 9        67   12. 7    81. 2       134    6  0    17. 3
   1    0. 0   999. 9        68   13  2    79. 9       135    6  3    16. 0
   2    0. 0   999. 9        69   13. 8    78. 4       136    6. 5    14. 3
   3    0. 0   999. 9        70   14. 4    77. 4       137    6. 7    13. 5
   4   15. 9   315. 0        71   15. 1    77. 7       138    6. 6    11. 8
   5   16. 8   314. 1        72   15. 7    78. 7       139    6. 5    10. 1
   6   16. 9   315. 2        73   15. 8    81. 1       140    6. 5    12  2
   7   17. 6   315. 6        74   16  1    83. 1       141    6. 5    10. 8
   8   17. 6   316. 2        75   16. 8    84. 2       142    6. 8    11. 2
   9   17. 4   316. 1        76   17. 3    84. 6       143    7. 1    11. 9
  10   17. 7   315. 3        77   17  2    83. 5       144    7. 1    14. 0
  11   17. 9   315. 6        78   16. 7    83. 7       145    6. 5    14. 8
  12   18. 4   315. 8        79   16  0    84. 4       146    5. 8    14  8
  13   19. 1   315. 8        80   15. 6    85. 8       147    5. 7    13. 9
  14   19. 2   315. 8        81   15  7    85. 2       148    5. 9    13. 0
  15   19. 3   315. 1        82   16. 4    84  3       149    6. 2    12. 7
  16   19. 1   314. 4        83   17  1    83. 5       150    6. 6    12. 1
  17   19. 3   315. 2        84   17. 5    84. 3       151    6. 8    11. 5
  18   19. 3   317. 2        85   17. 4    84. 7       152    6. 9    11. 7
  19   19. 1   318. 4        86   17. 1    84. 1       153    7. 3    12  0
  20   18. 5   318. 8        87   16. 5    82. 1       154    7. 7    11. 4
  21   16. 9   319. 8        88   15  7    80. 9       155    7. 8     9. 1
  22   15. 7   320. 8        89   15. 3    80. 7       156    8. 3     9. 1
  23   14. 0   322. 2        90   15. 6    82. 1       157    8. 3    10. 6
  24   12. 6   323. 6        91   15. 6    83. 2       158    8  1    11. 1
  25   11. 8   331. 9        92   14  5    82. 3       159    8. 3    14. 6
  26   10. 9   344. 0        93   13. 7    81. 1       160    8. 3    16. 5
  27   10. 5   353. 2        94   13. 0    80. 1       161    8. 4    18. 3
  28   10. 1   356. 7        95   13. 0    79. 7       162    8. 4    19. 3
  29    9. 5   357. 6        96   12. 6    78. 8       163    8  1    17. 4
  30    8. 6   359. 0        97   12. 2    77. 3       164    7. 9    14. 5
  31    7. 9   359. 3        98   11. 8    75. 3       165    7. 8    12. 3
  32    7. 6   358. 3        99   11. 3    73. 0       166    7. 8     9. 9
  33    7. 3   359. 6       100   10. 9    70. 7       167    8. 1     6. 2
  34    7. 2     4. 7       101   10. 6    68. 9       168    8. 7     3. 4
  35    7. 3     7. 6       102   10. 6    67. 5       169    9. 4     3. 5
  36    7. 3     7. 0       103   10. 5    66. 1       170    9  9     5. 2
  37    7. 2     4. 6       104   10. 4    64. 2       171    9. 5     6. 2
  38    7. 2     3. 5       105    9. 9    61. 1       172    9. 0     8. 1
  39    7. 3     5. 7       106    9. 3    57. 4       173    9. 0    11. 5
  40    7. 2    11. 2       107    8. 8    54. 0       174    9. 2    14  2
  41    7. 2    17. 6       108    9. 0    53. 7       175    9. 3    16. 0
  42    7. 4    22. 1       109    9. 0    54. 8       176    9. 1    14. 9
  43    7. 6    24. 6       110    8. 9    56. 3       177    9. 0    14. 2
  44    7. 6    24. 9       111    8  7    58. 1       178    8. 8    11. 9
  45    7. 2    24. 9       112    8. 6    59. 3       179    8. 5     8. 5
  46    7. 0    26. 6       113    8. 4    59. 2       180    8. 5     7. 6
  47    7. 0    29. 9       114    8. 2    58. 0       181    8. 3     5. 0
  48    7  0    33. 9       115    8. 1    56. 2       182    8. 1     1. 8
  49    7. 3    36. 9       116    7. 8    54. 2       183    8. 1     1. 4
  50    7. 5    40. 3       117    7. 6    52. 0       184    8. 0   359  1
  51    7. 7    44  2       118    7  3    49. 8       185    7. 8   356. 0
  52    7. 8    47. 7       119    7  1    47. 5       186    7. 4   353. 3
  53    7. 6    49. 3       120    6. 8    45. 3       187    7. 1   352. 0
  54    7. 5    50. 9       121    6. 6    43. 6       188    7  2   354. 5
  55    7. 3    51. 5       122    6. 5    42. 2       189    7  4   357. 5
  56    7. 5    54. 2       123    6. 4    41. 2
  57    8. 0    58. 3       124    6  2    38. 6
  58    8. 3    60. 3       125    5. 9    32. 4
  59    8. 7    61. 9       126    5. 8    29. 8
  60    9. 8    64. 8       127    5  9    31. 0
  61   11. 4    69  4       128    6. 0    32. 4
  62   11. 8    71. 5       129    6. 2    31. 4
  63   11. 9    74. 1       130    6  5    28. 3
  64   12. 0    76. 2       131    6. 5    22. 6
  65   12. 0    78. 4       132    6  2    19  1
  66   12. 2    81. 0       133    6. 1    18. 2
```

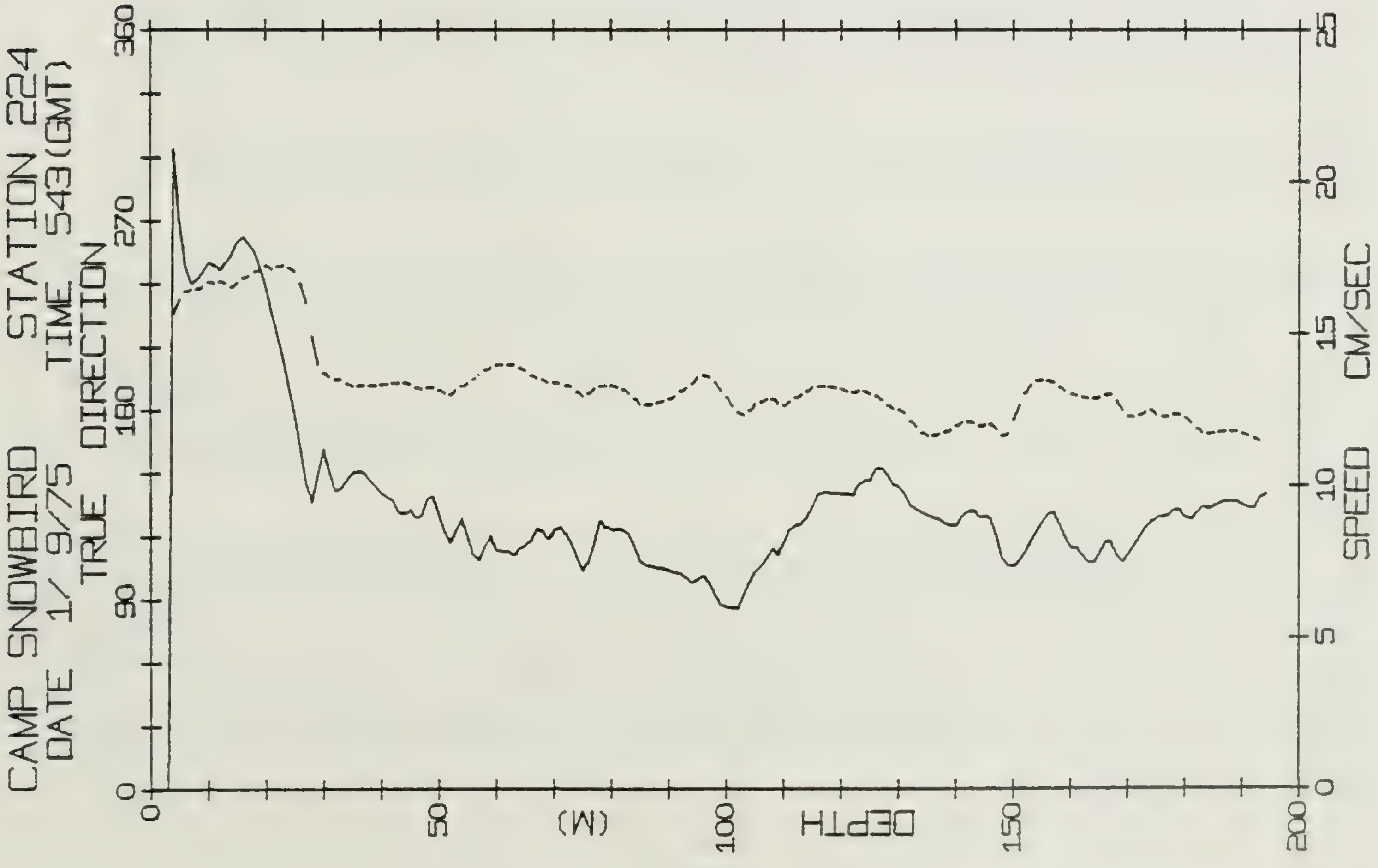

CAMP SNOWBIRD STATION 222
DATE 31/ 8/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD STATION 223
DATE 32/ 8/75 TIME 216(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50

```
SNOWBIRD STATION 222      (161M.)      31/AUG/75      2243 GMT
LAT= 74.6317N  LONG= 142.9247W  LTER=      1.   LGER=      0.
NIVEL=  -4.1   EIVEL=  31.0     NVER=      0.   EVER=      1.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   31.3   81.1       134   24.0   78.5
  1    0.0  999.9        68   31.3   81.3       135   24.4   79.0
  2    0.0  999.9        69   31.4   81.4       136   24.7   79.3
  3    0.0  999.9        70   31.6   81.3       137   24.8   79.5
  4   25.2   89.2        71   31.8   81.0       138   24.6   79.6
  5   24.8   89.2        72   31.8   80.6       139   24.3   79.8
  6   24.7   88.0        73   31.2   80.6       140   24.1   79.7
  7   24.9   86.3        74   30.2   80.8       141   24.0   79.4
  8   24.8   85.5        75   29.7   80.5       142   23.8   79.2
  9   24.4   84.8        76   29.9   80.7       143   23.8   79.0
 10   23.9   82.4        77   31.0   80.0       144   24.2   78.8
 11   23.4   80.1        78   30.6   79.9       145   24.5   78.9
 12   23.2   79.8        79   29.9   80.3       146   24.6   79.0
 13   23.2   80.7        80   28.4   81.9       147   24.4   78.5
 14   23.3   79.9        81   26.7   84.7       148   24.7   79.4
 15   23.5   79.3        82   25.9   85.7       149   25.0   79.7
 16   24.0   79.1        83   25.5   84.8       150   25.0   80.1
 17   24.7   80.0        84   25.5   82.6       151   25.1   80.0
 18   25.8   81.3        85   26.2   79.7       152   24.9   80.1
 19   26.6   81.8        86   27.0   78.3       153   24.5   80.3
 20   26.8   82.7        87   26.6   79.9       154   24.6   80.5
 21   27.0   82.7        88   25.9   81.8       155   24.1   81.6
 22   27.7   82.1        89   25.6   81.4       156   23.7   84.4
 23   27.9   81.0        90   25.3   81.1       157   23.1   87.7
 24   27.4   80.5        91   25.2   81.8       158   22.8   88.9
 25   26.7   80.9        92   26.3   79.9       159   22.7   89.6
 26   25.8   81.0        93   27.8   77.9       160   22.7   90.1
 27   25.1   81.1        94   27.7   78.5       161   22.7   90.1
 28   25.6   81.8        95   27.2   79.3
 29   26.2   81.7        96   26.2   80.9
 30   26.1   81.6        97   25.1   82.4
 31   25.5   81.8        98   24.6   81.8
 32   25.0   82.0        99   24.5   81.7
 33   24.7   82.0       100   24.3   83.3
 34   24.9   82.5       101   24.0   84.6
 35   25.3   82.7       102   23.6   84.2
 36   25.6   81.9       103   23.4   84.1
 37   26.0   81.4       104   23.5   84.3
 38   26.1   80.8       105   23.5   84.5
 39   26.1   80.4       106   23.4   84.6
 40   26.6   79.9       107   23.5   83.3
 41   26.5   80.4       108   23.9   80.8
 42   26.6   81.0       109   24.9   77.5
 43   26.9   82.1       110   25.3   75.8
 44   26.8   82.9       111   25.3   75.1
 45   26.5   83.3       112   24.9   75.0
 46   26.1   83.1       113   24.9   76.1
 47   26.3   83.3       114   25.3   77.4
 48   26.9   83.7       115   25.4   77.7
 49   27.1   83.7       116   25.3   77.4
 50   27.3   82.8       117   25.0   76.8
 51   28.3   81.7       118   24.5   76.6
 52   29.3   81.5       119   24.6   76.6
 53   29.6   81.8       120   24.5   76.6
 54   29.5   82.0       121   24.7   76.1
 55   28.9   83.1       122   24.9   76.0
 56   28.2   84.6       123   25.0   77.1
 57   27.7   86.2       124   25.0   78.0
 58   28.0   85.4       125   25.0   78.1
 59   29.0   83.0       126   24.8   78.1
 60   30.3   80.7       127   24.5   77.8
 61   30.8   80.0       128   24.2   78.1
 62   31.2   80.2       129   24.4   78.6
 63   31.5   80.9       130   24.7   78.4
 64   31.8   81.5       131   24.5   78.5
 65   31.9   81.5       132   24.0   78.4
 66   31.7   81.2       133   24.3   78.5
```

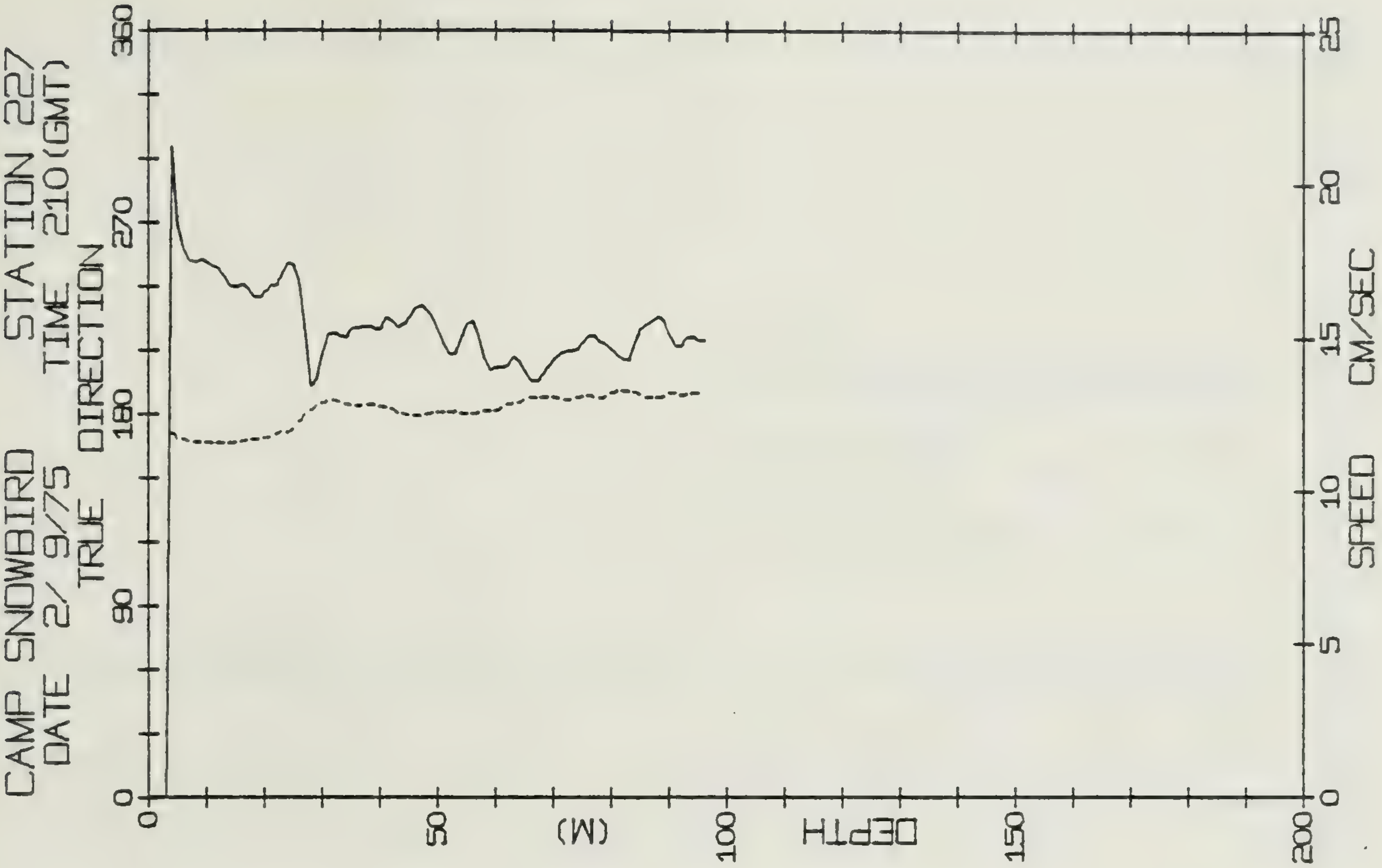
```
SNOWBIRD STATION 223      (100M.)      32/AUG/75       216 GMT
LAT= 74.6110N  LONG= 142.8056W  LTER=      2    LGER=      4.
NIVEL= -31.6   EIVEL=  16.3     NVER=      0.   EVER=      0.

DPT·   SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   16.7  145.9
  1    0.0  999.9        68   16.2  146.0
  2    0.0  999.9        69   16.2  146.9
  3    0.0  999.9        70   16.3  148.2
  4   28.1  165.9        71   15.9  147.4
  5   25.2  164.2        72   15.6  144.9
  6   24.0  163.8        73   15.5  141.9
  7   24.3  163.6        74   15.9  142.6
  8   24.6  164.7        75   15.6  144.8
  9   24.5  165.7        76   15.2  146.1
 10   24.0  165.8        77   15.0  145.8
 11   23.6  165.6        78   14.9  144.8
 12   23.4  165.8        79   14.5  140.4
 13   23.3  165.4        80   14.6  138.9
 14   22.7  164.8        81   15.2  142.9
 15   21.6  165.2        82   15.3  144.4
 16   21.5  165.0        83   15.2  144.7
 17   21.7  165.7        84   15.1  144.2
 18   22.2  166.2        85   15.2  144.1
 19   22.7  164.5        86   15.0  144.2
 20   22.6  163.6        87   14.8  143.5
 21   22.4  162.5        88   14.6  141.5
 22   22.5  160.9        89   15.1  138.5
 23   22.8  158.4        90   15.8  140.4
 24   23.4  155.5        91   16.0  142.4
 25   24.7  152.6        92   15.6  140.6
 26   24.8  152.9        93   15.3  138.6
 27   24.2  154.0        94   15.0  136.8
 28   23.0  153.4        95   14.8  135.9
 29   22.5  153.9        96   14.9  136.1
 30   22.8  154.5        97   15.5  140.5
 31   22.9  154.3        98   16.0  142.7
 32   22.9  153.6        99   16.4  143.5
 33   23.0  154.0       100   17.0  144.8
 34   22.4  154.9
 35   21.4  154.4
 36   20.7  153.5
 37   20.2  152.7
 38   20.0  152.4
 39   20.0  151.4
 40   19.6  150.0
 41   19.1  149.1
 42   18.6  148.1
 43   18.7  149.2
 44   19.1  150.4
 45   19.4  151.4
 46   19.3  151.5
 47   18.9  151.8
 48   18.3  152.7
 49   17.5  153.4
 50   17.0  153.3
 51   16.9  153.1
 52   16.7  152.6
 53   16.3  151.7
 54   16.1  151.0
 55   16.4  151.7
 56   16.5  152.4
 57   16.5  153.4
 58   16.2  152.8
 59   16.3  151.7
 60   16.5  149.2
 61   17.0  147.9
 62   17.3  149.0
 63   17.5  150.0
 64   17.3  148.0
 65   17.2  146.5
 66   17.2  147.0
```

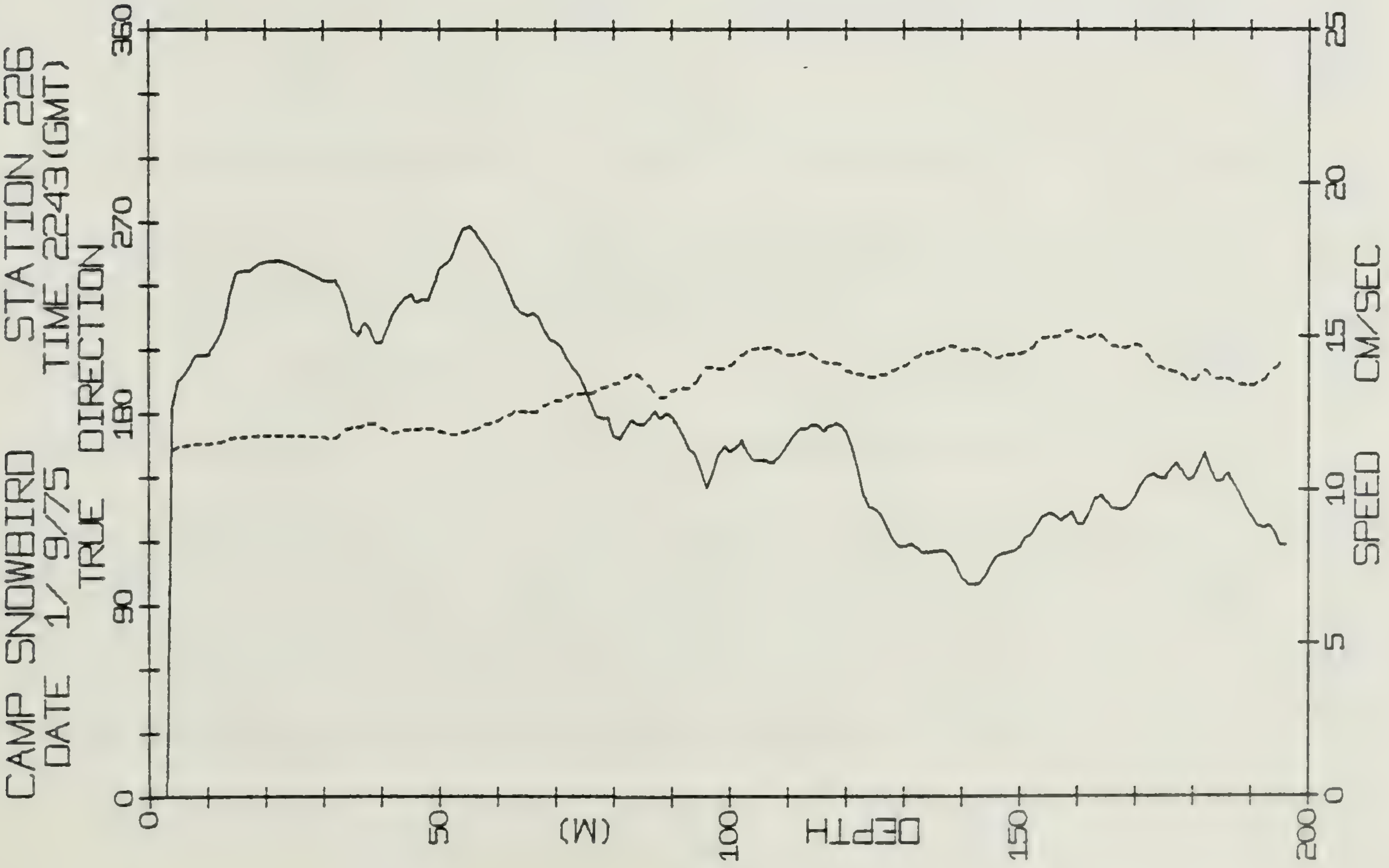

CAMP SNOWBIRD STATION 225
DATE 1/ 9/75 TIME 645(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 224
DATE 1/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 224     (194M )      1/SEP/75        543 GMT
LAT= 74.5811N  LONG= 142.7968W  LTER=  115.  LCER=  141.
NIVEL= -17.1   EIVEL=  -5.6     NVER=    1.  EVER=    2.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   8.6  195.2      134   9.1  169.1
  1   0.0  999.9       68   8.5  194.3      135   9.0  167.6
  2   0.0  999.9       69   8.2  192.9      136   8.9  167.8
  3   0.0  999.9       70   8.5  192.9      137   8.9  168.7
  4  21.1  226.2       71   8.6  192.5      138   8.8  169.7
  5  18.8  232.1       72   8.4  191.4      139   8.7  170.6
  6  17.3  236.4       73   8.1  191.0      140   8.7  172.3
  7  16.7  237.3       74   7.6  188.8      141   9.0  174.2
  8  16.8  237.9       75   7.2  186.8      142   9.2  174.5
  9  17.0  238.7       76   7.5  188.2      143   9.2  173.8
 10  17.3  240.8       77   8.1  190.1      144   9.0  172.3
 11  17.3  240.4       78   8.8  191.4      145   9.0  173.0
 12  17.1  241.2       79   8.6  191.5      146   8.9  173.0
 13  17.4  240.1       80   8.5  191.4      147   8.4  170.8
 14  17.6  238.5       81   8.6  190.8      148   7.6  167.9
 15  18.0  240.2       82   8.5  189.7      149   7.4  168.8
 16  18.2  242.5       83   8.4  188.0      150   7.3  175.2
 17  18.0  244.0       84   8.0  185.5      151   7.5  182.1
 18  17.7  245.6       85   7.5  182.8      152   7.8  187.9
 19  17.2  247.1       86   7.4  182.4      153   8.2  191.7
 20  16.6  248.4       87   7.3  182.9      154   8.5  193.9
 21  15.7  247.2       88   7.3  183.7      155   8.8  194.1
 22  15.0  248.3       89   7.3  184.5      156   9.1  193.7
 23  14.2  248.8       90   7.2  185.3      157   9.2  192.5
 24  13.3  247.5       91   7.1  186.8      158   8.7  190.7
 25  12.4  245.7       92   7.1  188.9      159   8.3  188.7
 26  11.3  240.3       93   7.0  190.6      160   8.0  187.4
 27  10.1  231.1       94   6.8  192.5      161   7.9  186.8
 28   9.5  215.0       95   6.9  195.5      162   7.7  185.8
 29  10.3  202.1       96   7.0  196.6      163   7.5  185.3
 30  11.2  197.7       97   6.8  195.6      164   7.5  185.3
 31  10.5  195.8       98   6.4  193.3      165   7.7  186.0
 32   9.8  194.7       99   6.1  189.5      166   8.1  187.1
 33   9.9  194.2      100   6.0  186.5      167   8.1  187.3
 34  10.2  192.3      101   6.0  182.2      168   7.7  184.3
 35  10.4  191.2      102   6.0  178.6      169   7.5  180.0
 36  10.5  191.8      103   6.4  177.3      170   7.7  176.9
 37  10.4  192.0      104   6.8  179.6      171   8.0  176.4
 38  10.2  191.7      105   7.2  182.6      172   8.3  177.5
 39  10.0  191.9      106   7.4  184.1      173   8.6  178.9
 40   9.8  192.1      107   7.6  185.3      174   8.8  179.8
 41   9.6  192.6      108   7.9  185.7      175   9.0  177.4
 42   9.5  193.1      109   7.7  183.2      176   9.0  176.6
 43   9.1  193.0      110   8.1  182.3      177   9.0  176.9
 44   9.1  193.0      111   8.5  184.0      178   9.2  177.8
 45   9.2  192.2      112   8.7  185.8      179   9.2  177.5
 46   9.0  190.5      113   8.8  187.4      180   9.0  175.9
 47   9.0  190.0      114   9.0  189.0      181   8.9  174.0
 48   9.6  190.8      115   9.3  190.7      182   9.1  171.1
 49   9.7  190.7      116   9.7  191.4      183   9.3  169.1
 50   9.1  189.5      117   9.8  191.4      184   9.3  168.5
 51   8.5  188.1      118   9.8  191.0      185   9.3  169.1
 52   8.1  187.4      119   9.8  190.4      186   9.4  169.7
 53   8.5  189.6      120   9.7  189.7      187   9.5  170.1
 54   8.9  191.4      121   9.7  188.9      188   9.5  169.9
 55   8.3  192.7      122   9.7  188.4      189   9.5  169.5
 56   7.7  194.6      123  10.0  189.4      190   9.4  168.6
 57   7.6  196.8      124  10.2  188.8      191   9.3  167.6
 58   8.0  199.0      125  10.2  187.5      192   9.3  166.4
 59   8.3  200.2      126  10.5  186.8      193   9.6  164.9
 60   7.9  201.5      127  10.6  184.7      194   9.7  164.0
 61   7.8  201.8      128  10.4  182.5
 62   7.8  201.9      129  10.1  180.8
 63   7.7  201.5      130   9.9  179.8
 64   7.9  199.9      131   9.7  178.1
 65   8.1  198.4      132   9.3  174.6
 66   8.2  196.6      133   9.2  172.0
```

```
SNOWBIRD STATION 225     (100M. )     1/SEP/75        645 GMT
LAT= 74.5765N  LONG= 142.8024W  LTER=   59.  LCER=   68.
NIVEL= -10.0   EIVEL=  -2.3     NVER=    2   EVER=    2

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   8.5  184.9
  1   0.0  999.9       68   8.5  184.7
  2   0.0  999.9       69   8.1  183.8
  3   0.0  999.9       70   7.8  183.3
  4  10.8  250.8       71   7.7  183.3
  5  10.5  268.4       72   7.7  183.9
  6  10.2  270.3       73   7.5  183.7
  7  10.2  265.7       74   7.1  181.7
  8  10.9  264.7       75   6.7  178.6
  9  11.8  264.9       76   6.6  176.0
 10  12.2  261.5       77   6.7  174.1
 11  12.7  260.8       78   7.1  176.2
 12  13.6  262.1       79   7.7  179.0
 13  14.3  262.7       80   8.0  180.3
 14  14.7  264.0       81   8.1  182.4
 15  14.9  266.3       82   8.0  184.1
 16  14.7  270.0       83   7.7  186.0
 17  14.0  275.7       84   7.2  186.0
 18  13.3  279.6       85   7.1  184.2
 19  13.0  279.9       86   7.4  183.6
 20  12.6  280.0       87   7.4  181.7
 21  12.3  280.8       88   7.3  180.0
 22  12.0  282.7       89   7.4  183.5
 23  11.2  284.2       90   7.2  185.9
 24   8.9  280.5       91   6.6  185.3
 25   6.2  262.2       92   6.1  183.8
 26   4.7  241.0       93   6.0  182.5
 27   5.5  213.1       94   6.4  182.0
 28   6.3  195.8       95   6.4  180.6
 29   6.8  187.2       96   6.1  180.4
 30   6.9  183.6       97   5.8  181.2
 31   7.0  181.7       98   5.6  180.4
 32   7.4  182.3       99   5.5  178.3
 33   7.6  183.2      100   5.2  178.9
 34   7.6  184.1
 35   7.6  184.9
 36   7.6  185.7
 37   7.6  186.0
 38   7.6  185.8
 39   7.6  185.0
 40   7.6  183.1
 41   7.5  180.8
 42   7.6  178.3
 43   7.7  177.7
 44   7.9  179.6
 45   7.8  181.0
 46   7.6  181.8
 47   7.5  182.4
 48   7.3  183.1
 49   7.0  182.9
 50   6.9  181.8
 51   6.9  181.4
 52   7.1  181.8
 53   7.3  183.2
 54   7.4  185.0
 55   7.2  186.6
 56   6.9  187.9
 57   6.6  189.7
 58   6.3  190.8
 59   6.0  191.9
 60   5.8  192.4
 61   5.7  192.4
 62   6.2  192.0
 63   6.8  190.3
 64   7.5  189.3
 65   8.1  188.0
 66   7.7  182.9
```

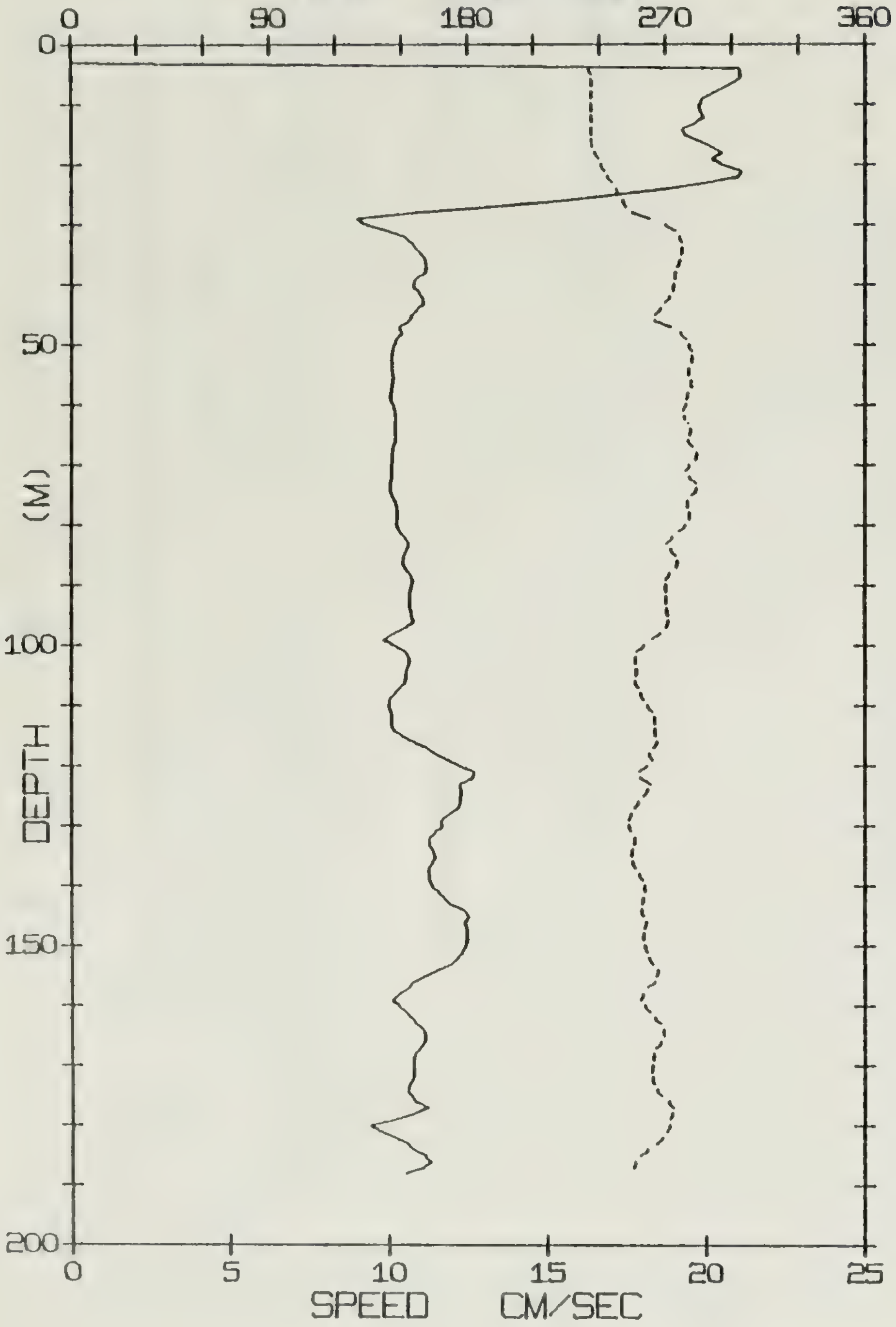

CAMP SNOWBIRD STATION 227
DATE 2/ 9/75 TIME 210(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 226
DATE 1/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

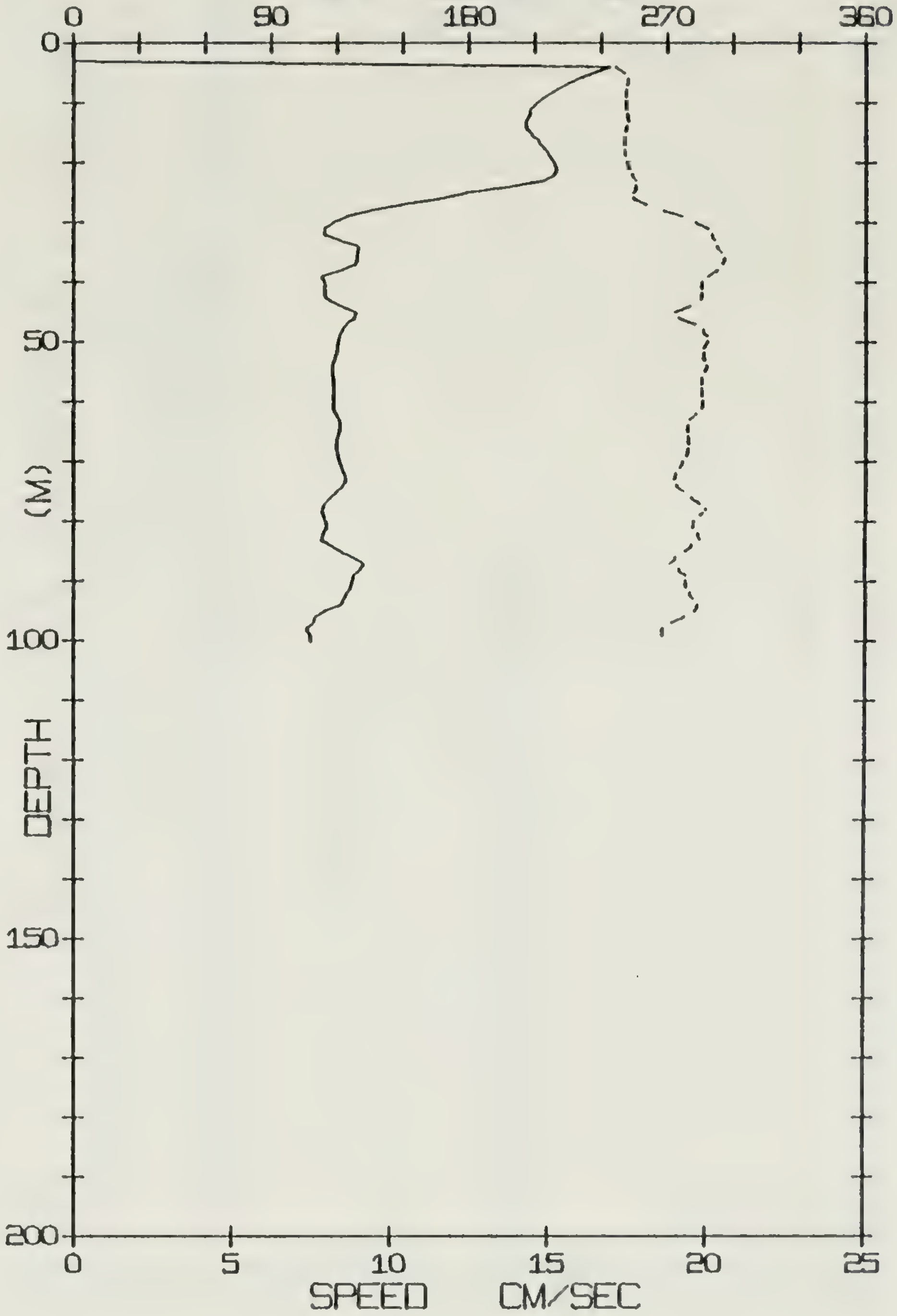
```
SNOWBIRD STATION 226      (196M.)        1/SEP/75      2243 GMT
LAT= 74.5157N  LONG= 142.6083W  LTER=  267.   LGER=  290.
NIVEL=  -6.9   EIVEL=    4.3    NVER=    5    EVER=    5.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0   999.9       67  15.6   181.3      134   8.0   208.3
  1   0.0   999.9       68  15.2   183.5      135   8.0   209.0
  2   0.0   999.9       69  14.9   184.8      136   8.0   209.8
  3   0.0   999.9       70  14.8   186.0      137   8.0   210.6
  4  12.7   163.0       71  14.6   186.5      138   7.9   211.5
  5  13.6   164.6       72  14.3   188.2      139   7.6   210.8
  6  13.8   164.9       73  14.0   189.4      140   7.1   209.4
  7  14.1   165.4       74  13.8   189.5      141   7.0   209.8
  8  14.4   165.9       75  13.4   189.7      142   6.9   210.2
  9  14.4   165.9       76  12.9   189.7      143   7.0   209.7
 10  14.4   165.9       77  12.4   190.7      144   7.2   208.2
 11  14.7   166.3       78  12.3   192.1      145   7.5   206.2
 12  15.0   166.8       79  12.4   193.1      146   7.8   205.7
 13  15.5   167.4       80  11.8   194.1      147   7.9   207.1
 14  16.4   168.5       81  11.7   194.6      148   8.0   207.5
 15  17.1   169.2       82  12.0   196.6      149   8.0   207.6
 16  17.2   169.3       83  12.3   198.1      150   8.2   208.2
 17  17.1   169.3       84  12.1   198.2      151   8.4   208.8
 18  17.3   169.4       85  12.1   196.0      152   8.6   210.4
 19  17.4   169.6       86  12.3   193.3      153   8.9   213.2
 20  17.5   169.6       87  12.6   190.4      154   9.1   215.3
 21  17.5   169.6       88  12.3   187.7      155   9.3   215.9
 22  17.5   169.6       89  12.5   188.0      156   9.2   215.8
 23  17.4   169.6       90  12.4   190.6      157   9.0   216.7
 24  17.4   169.5       91  12.1   192.0      158   9.1   218.4
 25  17.3   169.4       92  11.7   191.8      159   9.3   219.3
 26  17.2   169.4       93  11.3   191.9      160   8.9   216.1
 27  17.1   169.3       94  11.2   194.3      161   8.9   214.9
 28  17.0   169.2       95  10.7   198.1      162   9.2   215.7
 29  16.9   169.1       96  10.1   201.5      163   9.7   217.0
 30  16.8   169.0       97  10.5   201.7      164   9.8   216.4
 31  16.8   167.9       98  11.2   200.9      165   9.6   214.0
 32  16.9   168.4       99  11.4   201.1      166   9.4   211.6
 33  16.5   170.3      100  11.3   202.5      167   9.4   210.5
 34  16.0   172.5      101  11.4   204.6      168   9.4   210.6
 35  15.2   173.7      102  11.6   207.3      169   9.5   211.3
 36  15.0   173.6      103  11.2   208.9      170   9.8   212.2
 37  15.5   174.7      104  11.0   210.1      171  10.2   211.1
 38  15.3   175.6      105  11.0   210.8      172  10.4   207.5
 39  14.8   175.4      106  11.0   210.9      173  10.5   203.8
 40  14.8   173.3      107  10.9   211.0      174  10.4   201.9
 41  15.3   171.8      108  11.0   209.6      175  10.3   200.4
 42  15.8   171.0      109  11.2   208.0      176  10.6   199.6
 43  16.0   171.3      110  11.5   207.1      177  10.9   199.2
 44  16.2   172.2      111  11.8   207.3      178  10.6   197.7
 45  16.4   172.8      112  12.0   208.1      179  10.3   195.7
 46  16.1   172.5      113  12.0   208.7      180  10.4   195.4
 47  16.2   173.0      114  12.1   207.4      181  10.8   197.6
 48  16.2   172.9      115  12.1   205.5      182  11.2   199.9
 49  16.6   172.6      116  11.9   204.0      183  10.7   197.8
 50  17.2   171.5      117  12.1   203.1      184  10.3   196.1
 51  17.4   170.8      118  12.2   203.3      185  10.3   195.9
 52  17.5   170.1      119  12.1   202.6      186  10.5   196.2
 53  18.0   170.1      120  11.9   200.1      187  10.2   194.4
 54  18.5   171.3      121  11.4   198.8      188   9.9   193.4
 55  18.6   172.1      122  10.7   198.3      189   9.5   193.0
 56  18.4   172.6      123   9.9   197.9      190   9.2   193.1
 57  18.2   173.6      124   9.4   196.8      191   8.8   194.2
 58  17.9   175.0      125   9.4   197.0      192   8.7   195.3
 59  17.6   175.7      126   9.2   198.1      193   8.8   198.1
 60  17.3   176.7      127   8.8   198.5      194   8.7   200.9
 61  16.9   178.1      128   8.4   200.0      195   8.2   203.1
 62  16.5   179.3      129   8.2   201.3      196   8.2   203.1
 63  16.0   181.0      130   8.2   202.2
 64  15.8   181.0      131   8.2   203.9
 65  15.7   180.4      132   8.1   206.0
 66  15.8   180.5      133   8.0   207.8
```

```
SNOWBIRD STATION 227      ( 96M.)        2/SEP/75       210 GMT
LAT= 74.5007N  LONG= 142.5658W  LTER=    2.   LGER=    3.
NIVEL= -19.9   EIVEL=    7.9    NVER=    0.   EVER=    0.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0   999.9       67  13.6   188.0
  1   0.0   999.9       68  13.8   188.4
  2   0.0   999.9       69  14.0   188.7
  3   0.0   999.9       70  14.3   188.4
  4  21.2   171.3       71  14.5   187.5
  5  18.7   169.0       72  14.6   186.9
  6  17.9   168.3       73  14.6   187.3
  7  17.5   167.2       74  14.6   188.4
  8  17.4   167.0       75  14.8   188.9
  9  17.5   167.1       76  15.1   189.1
 10  17.4   166.7       77  15.1   188.3
 11  17.3   166.5       78  14.9   187.9
 12  17.2   166.8       79  14.8   188.9
 13  17.0   166.8       80  14.6   190.3
 14  16.7   166.7       81  14.4   191.5
 15  16.6   167.2       82  14.3   191.4
 16  16.7   167.8       83  14.2   190.9
 17  16.6   168.0       84  14.8   190.5
 18  16.3   168.4       85  15.3   189.2
 19  16.3   168.5       86  15.4   188.0
 20  16.5   169.2       87  15.6   188.1
 21  16.7   169.9       88  15.7   188.2
 22  16.7   171.0       89  15.6   188.9
 23  17.1   172.3       90  15.1   190.4
 24  17.4   171.7       91  14.8   190.4
 25  17.4   173.5       92  14.7   189.3
 26  16.8   176.8       93  15.0   189.9
 27  15.3   179.7       94  15.0   190.6
 28  13.4   182.0       95  14.9   190.3
 29  13.6   184.1       96  14.9   190.3
 30  14.5   185.6
 31  15.1   187.0
 32  15.2   186.8
 33  15.1   185.8
 34  15.0   184.9
 35  15.3   184.0
 36  15.3   184.1
 37  15.4   184.6
 38  15.4   185.1
 39  15.3   184.9
 40  15.3   183.8
 41  15.6   183.5
 42  15.6   182.5
 43  15.4   180.6
 44  15.4   180.0
 45  15.6   179.4
 46  15.9   179.2
 47  16.1   179.3
 48  15.9   180.1
 49  15.7   180.9
 50  15.2   181.3
 51  14.8   181.3
 52  14.4   181.2
 53  14.5   181.5
 54  15.0   180.5
 55  15.4   180.2
 56  15.6   180.4
 57  15.1   180.8
 58  14.3   181.7
 59  14.0   181.7
 60  14.0   182.1
 61  14.0   183.4
 62  14.1   184.9
 63  14.4   185.5
 64  14.2   186.0
 65  13.9   187.2
 66  13.6   188.3
```

CAMP SNOWBIRD STATION 228
DATE 2/ 9/75 TIME 543(GMT)

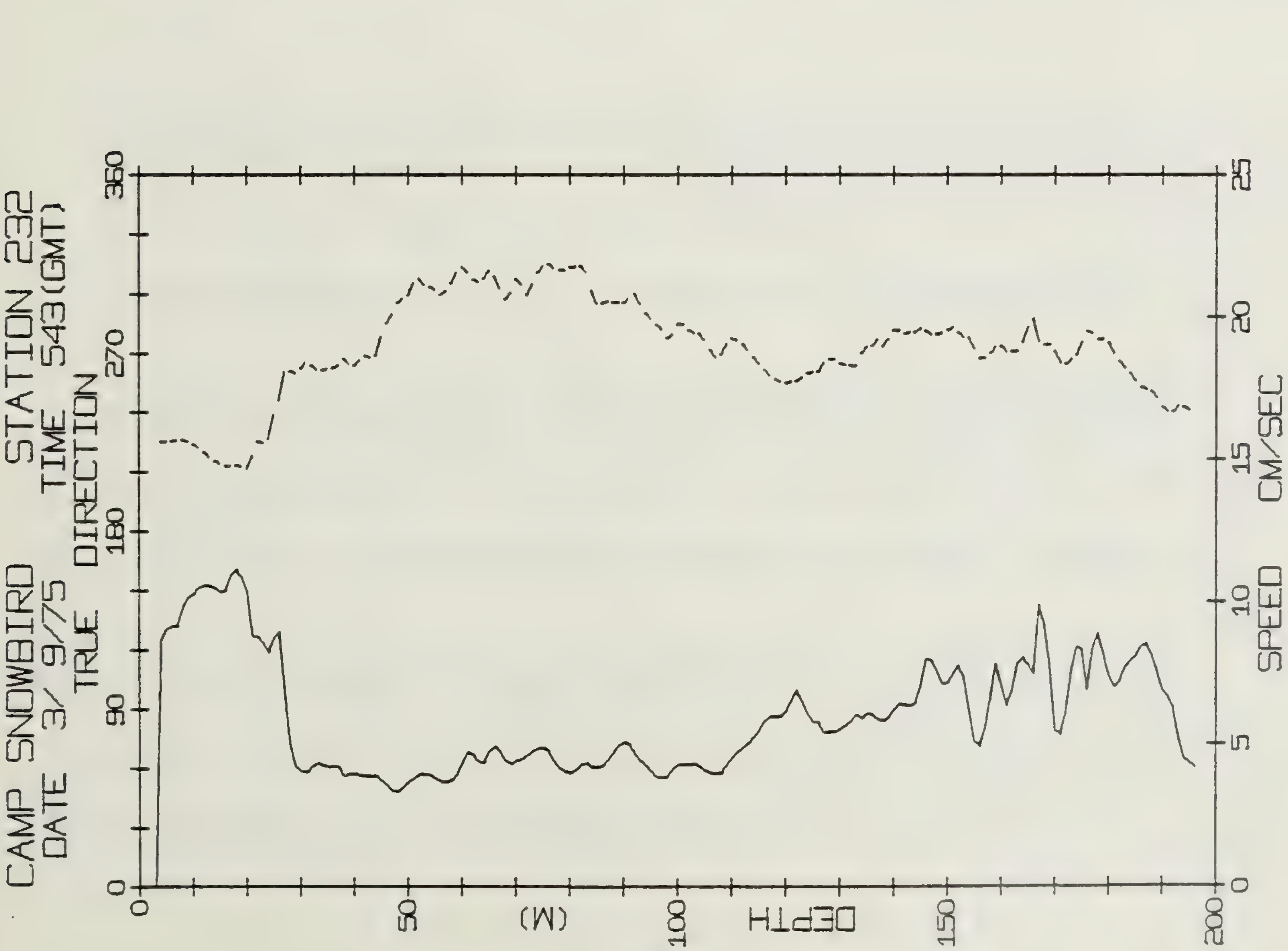


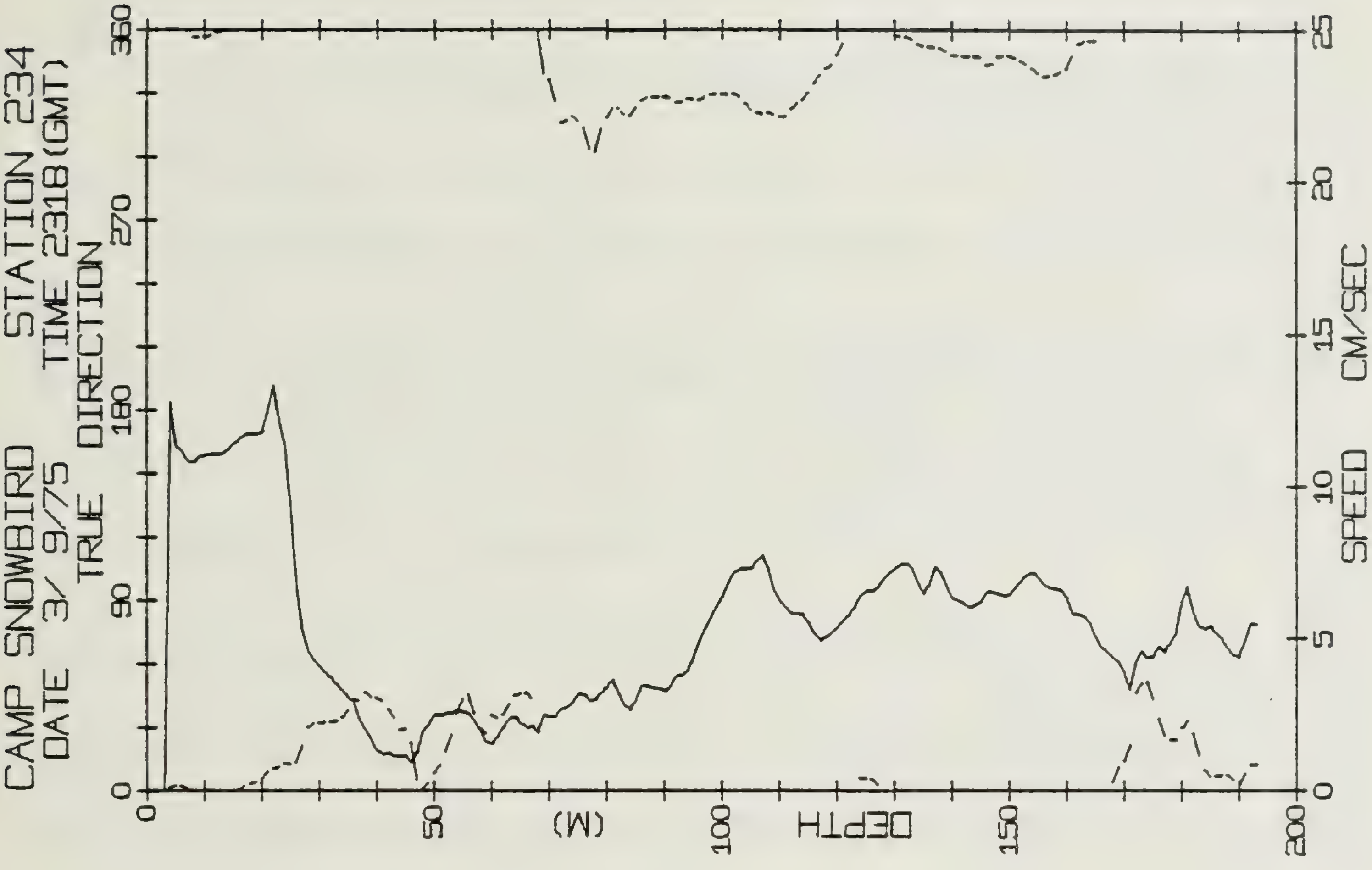
CAMP SNOWBIRD STATION 229
DATE 2/ 9/75 TIME 640(GMT)



```
SNOWBIRD STATION 228     (188M.)        2/SEP/75         543 GMT
LAT= 74.4784N  LONG= 142.5782W  LTER=      2    LGER=       3.
NIVEL= -14.6   EIVEL= -14.7     NVER=      0    EVER=       0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0.0   999.9       67    10.1   282.5      134    11.4   254.8
  1     0.0   999.9       68    10.1   284.0      135    11.5   254.3
  2     0.0   999.9       69    10.1   283.4      136    11.4   254.9
  3     0.0   999.9       70    10.1   280.7      137    11.3   256.2
  4    21.1   235.1       71    10.1   279.0      138    11.3   257.7
  5    21.1   236.0       72    10.1   280.8      139    11.3   259.4
  6    21.0   236.5       73    10.1   283.4      140    11.4   260.3
  7    20.6   236.4       74    10.0   284.0      141    11.6   260.2
  8    20.3   236.1       75    10.1   281.8      142    11.8   259.7
  9    19.9   235.8       76    10.2   279.9      143    11.9   258.9
 10    19.8   236.2       77    10.3   279.8      144    12.4   258.8
 11    19.8   236.4       78    10.3   280.8      145    12.6   259.9
 12    19.9   236.4       79    10.3   280.4      146    12.4   261.0
 13    19.7   236.2       80    10.3   278.8      147    12.5   260.1
 14    19.3   236.0       81    10.4   276.3      148    12.5   259.6
 15    19.3   236.1       82    10.5   272.9      149    12.5   259.6
 16    19.8   236.4       83    10.7   270.5      150    12.4   260.5
 17    20.2   237.0       84    10.5   272.2      151    12.3   261.5
 18    20.5   238.0       85    10.5   274.3      152    12.2   262.8
 19    20.2   239.5       86    10.4   275.3      153    12.0   264.3
 20    20.5   240.7       87    10.5   274.4      154    11.6   266.3
 21    21.1   242.0       88    10.7   271.6      155    11.2   265.8
 22    21.0   243.7       89    10.8   270.0      156    10.8   264.8
 23    20.0   245.7       90    10.7   270.1      157    10.6   261.6
 24    18.8   247.5       91    10.7   270.3      158    10.3   259.6
 25    17.1   249.3       92    10.7   270.1      159    10.1   258.4
 26    15.5   250.7       93    10.7   270.3      160    10.3   260.3
 27    13.3   252.1       94    10.7   270.7      161    10.5   262.9
 28    10.9   254.6       95    10.7   271.0      162    10.7   265.3
 29     9.0   262.7       96    10.8   271.1      163    10.9   267.5
 30     9.3   270.1       97    10.5   270.0      164    11.1   269.0
 31    10.0   274.1       98    10.1   267.6      165    11.2   268.8
 32    10.5   276.3       99     9.8   263.4      166    11.1   267.7
 33    10.8   277.4      100    10.2   259.9      167    11.0   265.8
 34    10.9   277.4      101    10.5   256.9      168    10.8   264.5
 35    11.1   277.0      102    10.7   256.1      169    10.8   264.1
 36    11.2   276.3      103    10.6   256.3      170    10.8   263.9
 37    11.2   275.3      104    10.6   256.7      171    10.8   263.6
 38    11.1   274.3      105    10.5   256.3      172    10.8   264.1
 39    10.9   274.0      106    10.5   255.9      173    10.7   264.9
 40    10.8   273.6      107    10.3   257.3      174    10.6   265.9
 41    10.9   273.2      108    10.2   258.6      175    10.7   268.0
 42    11.1   271.8      109    10.0   259.9      176    10.9   271.3
 43    11.1   269.8      110    10.0   261.7      177    11.2   273.4
 44    10.9   267.7      111    10.1   264.0      178    10.8   272.8
 45    10.8   265.2      112    10.1   265.1      179    10.2   271.5
 46    10.6   265.0      113    10.1   265.4      180     9.4   271.5
 47    10.3   272.0      114    10.2   265.5      181     9.7   270.5
 48    10.4   276.8      115    10.4   265.5      182    10.2   268.5
 49    10.2   279.2      116    10.8   266.1      183    10.6   265.9
 50    10.2   280.5      117    11.2   264.7      184    10.8   261.7
 51    10.1   281.8      118    11.5   262.8      185    11.2   258.3
 52    10.1   282.2      119    11.9   263.8      186    11.3   256.0
 53    10.1   281.5      120    12.2   261.4      187    11.1   255.1
 54    10.1   280.2      121    12.7   257.4      188    10.5   254.2
 55    10.2   280.3      122    12.7   258.5
 56    10.1   281.5      123    12.3   263.1
 57    10.1   281.9      124    12.3   261.6
 58    10.1   280.2      125    12.3   259.8
 59    10.1   279.2      126    12.2   257.7
 60    10.2   279.0      127    12.2   255.8
 61    10.2   277.4      128    11.9   254.3
 62    10.2   278.6      129    11.7   252.8
 63    10.2   280.1      130    11.7   253.1
 64    10.2   281.3      131    11.5   254.5
 65    10.2   280.9      132    11.3   255.9
 66    10.2   280.0      133    11.3   255.6
```

```
SNOWBIRD STATION 229     (100M.)        2/SEP/75         640 GMT
LAT= 74.4748N  LONG= 142.5957W  LTER=     0.    LGER=       0.
NIVEL=  -9.0   EIVEL= -13.5     NVER=     0.    EVER=       0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0.0   999.9       67     8.3   280.0
  1     0.0   999.9       68     8.3   279.2
  2     0.0   999.9       69     8.4   278.5
  3     0.0   999.9       70     8.4   277.0
  4    16.9   246.3       71     8.5   275.6
  5    16.4   250.2       72     8.6   273.8
  6    15.9   251.9       73     8.6   272.8
  7    15.5   251.6       74     8.5   274.5
  8    15.2   251.2       75     8.3   277.3
  9    14.9   251.1       76     8.1   281.0
 10    14.6   251.0       77     7.9   284.9
 11    14.4   251.4       78     7.8   287.5
 12    14.4   252.0       79     7.9   284.9
 13    14.3   252.5       80     8.0   281.9
 14    14.3   251.4       81     8.0   281.4
 15    14.4   250.5       82     7.9   283.6
 16    14.6   250.3       83     7.8   284.9
 17    14.8   250.3       84     8.1   281.4
 18    14.9   250.6       85     8.4   278.0
 19    15.1   251.0       86     8.8   273.8
 20    15.2   251.8       87     9.2   271.5
 21    15.3   252.9       88     9.1   275.2
 22    15.2   254.1       89     8.9   278.0
 23    14.9   255.6       90     8.8   278.4
 24    13.8   255.8       91     8.7   278.7
 25    12.4   254.5       92     8.6   280.3
 26    11.6   254.7       93     8.5   281.9
 27    10.4   260.3       94     8.4   283.7
 28     9.4   268.5       95     7.9   282.5
 29     8.7   276.7       96     7.6   277.8
 30     8.2   282.8       97     7.6   271.7
 31     7.9   288.6       98     7.4   268.2
 32     7.9   290.5       99     7.5   268.0
 33     8.4   291.8      100     7.5   268.0
 34     9.0   293.0
 35     9.0   294.7
 36     8.9   296.1
 37     8.9   295.1
 38     8.5   292.6
 39     7.8   288.7
 40     7.9   285.6
 41     7.9   285.4
 42     7.9   285.6
 43     8.1   284.7
 44     8.4   280.2
 45     8.9   273.8
 46     8.9   275.3
 47     8.6   282.4
 48     8.5   286.2
 49     8.4   288.4
 50     8.3   288.2
 51     8.3   286.7
 52     8.3   286.3
 53     8.2   287.3
 54     8.1   288.3
 55     8.2   286.8
 56     8.2   285.6
 57     8.2   285.6
 58     8.2   285.8
 59     8.2   286.0
 60     8.2   286.2
 61     8.2   285.4
 62     8.3   282.9
 63     8.4   280.1
 64     8.4   279.1
 65     8.4   279.4
 66     8.3   279.7
```

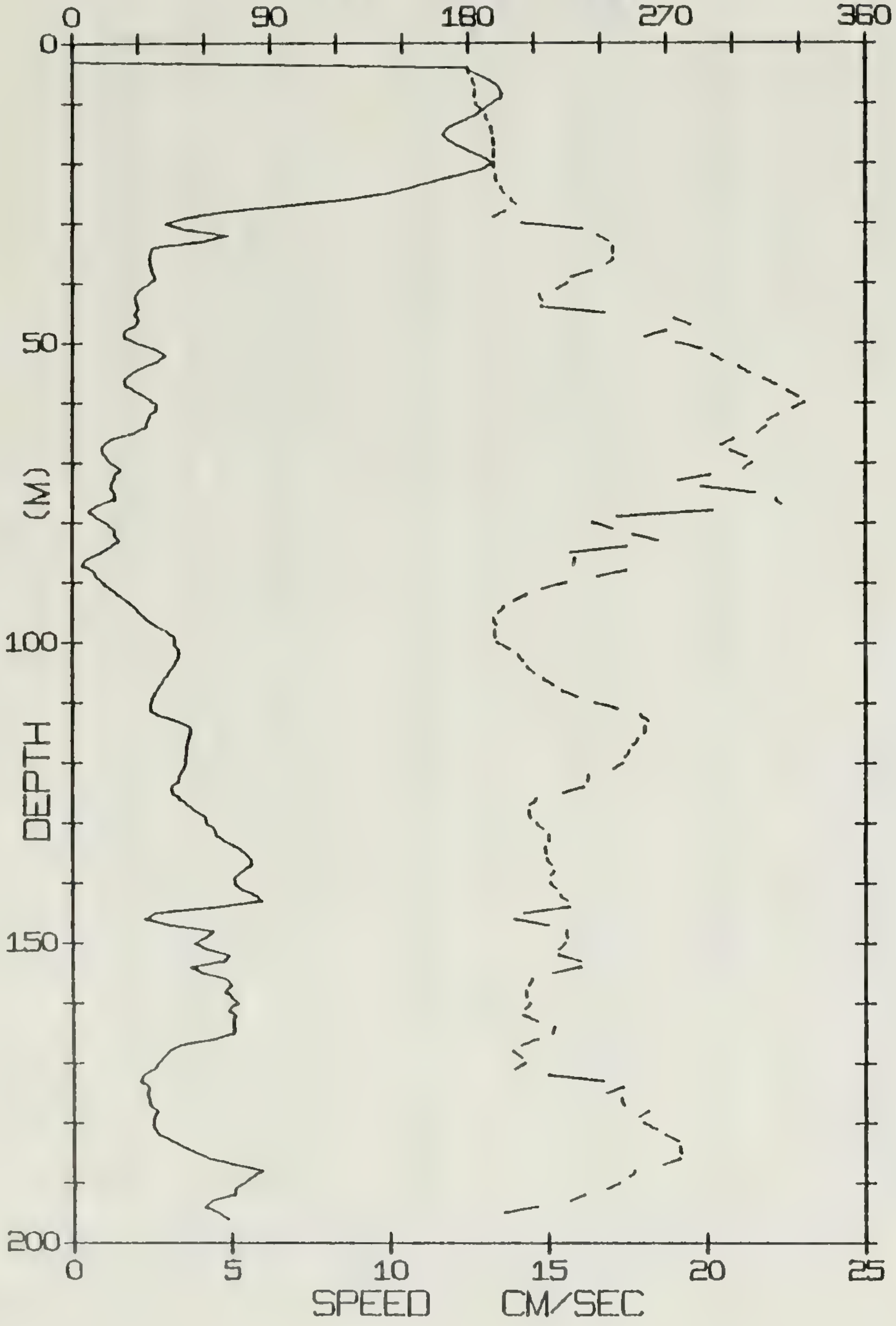

CAMP SNOWBIRD
STATION 232
DATE 3/ 9/75
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD
STATION 234
DATE 3/ 9/75
TIME 2318(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

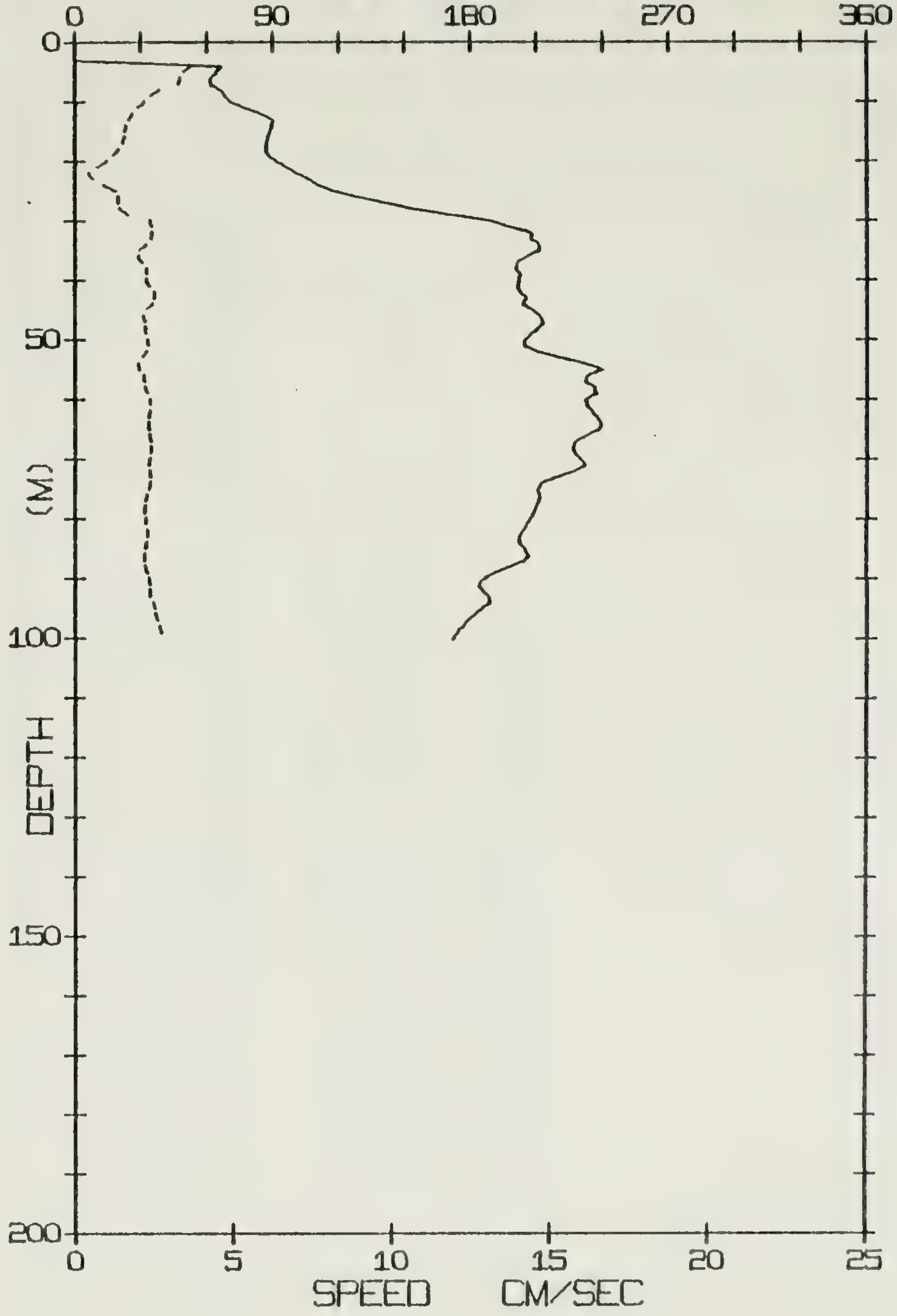
```
SNOWBIRD STATION 232     (196M.)      3/SEP/75       543 GMT
LAT= 74.4522N  LONG= 142.6001W  LTER=     1.   LCER=     2.
NIVEL=  -6.5   EIVEL=  -7.4     NVER=     0.   EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   4.8  302.7     134   5.9  270.0
  1   0.0  999.9      68   4.4  297.5     135   6.1  272.8
  2   0.0  999.9      69   4.3  300.3     136   6.0  273.8
  3   0.0  999.9      70   4.4  307.2     137   5.9  276.4
  4   8.7  225.3      71   4.5  304.7     138   5.8  273.6
  5   9.1  225.3      72   4.6  299.4     139   6.0  277.1
  6   9.2  225.7      73   4.8  304.3     140   6.2  281.3
  7   9.2  226.4      74   4.9  310.8     141   6.4  281.7
  8   9.8  226.0      75   4.9  313.6     142   6.4  279.9
  9  10.2  225.1      76   4.8  315.0     143   6.4  280.7
 10  10.3  223.8      77   4.4  312.8     144   6.5  280.8
 11  10.5  222.0      78   4.2  311.9     145   7.1  282.5
 12  10.6  219.8      79   4.1  311.7     146   8.0  281.1
 13  10.6  217.6      80   4.0  313.2     147   8.0  279.3
 14  10.5  215.6      81   4.1  313.7     148   7.6  279.6
 15  10.4  214.0      82   4.3  313.9     149   7.1  280.2
 16  10.4  212.9      83   4.4  310.6     150   7.2  281.6
 17  11.0  212.8      84   4.2  301.6     151   7.5  283.1
 18  11.2  213.2      85   4.2  294.8     152   7.8  280.3
 19  10.9  212.3      86   4.3  295.5     153   7.4  278.0
 20  10.4  211.5      87   4.5  296.2     154   6.2  277.3
 21   8.8  217.7      88   4.7  295.6     155   5.1  272.4
 22   8.8  225.2      89   5.0  295.6     156   4.9  267.3
 23   8.6  224.5      90   5.1  295.4     157   5.6  267.2
 24   8.2  226.5      91   5.0  297.9     158   6.7  270.1
 25   8.8  238.5      92   4.7  300.0     159   7.8  273.0
 26   9.0  246.3      93   4.5  294.7     160   7.1  273.5
 27   6.9  260.2      94   4.3  290.1     161   6.4  271.0
 28   5.0  261.0      95   4.1  287.3     162   6.9  270.8
 29   4.2  259.6      96   3.9  284.4     163   7.8  271.2
 30   4.1  262.2      97   3.8  282.0     164   8.0  275.6
 31   4.0  265.3      98   3.9  277.7     165   7.8  282.9
 32   4.2  263.6      99   4.1  279.3     166   7.5  286.6
 33   4.4  261.5     100   4.3  284.3     167   9.9  275.9
 34   4.3  261.5     101   4.3  284.3     168   9.2  274.2
 35   4.2  262.1     102   4.3  281.5     169   7.7  274.2
 36   4.3  262.6     103   4.3  279.9     170   5.5  270.6
 37   4.2  263.7     104   4.2  279.4     171   5.3  265.3
 38   3.9  267.0     105   4.1  276.0     172   6.1  264.4
 39   4.0  264.4     106   4.0  271.5     173   7.5  266.4
 40   4.0  263.6     107   4.0  267.6     174   8.4  268.8
 41   3.9  266.2     108   4.0  269.4     175   8.3  275.3
 42   3.9  268.7     109   4.3  274.3     176   6.9  280.9
 43   3.9  267.4     110   4.5  277.3     177   8.3  279.6
 44   3.9  268.9     111   4.8  276.4     178   8.9  277.0
 45   3.7  278.5     112   4.9  274.5     179   8.2  277.1
 46   3.6  285.0     113   5.1  271.3     180   7.4  275.3
 47   3.4  289.3     114   5.2  267.5     181   7.0  270.0
 48   3.3  295.5     115   5.5  264.5     182   7.2  265.5
 49   3.5  297.6     116   5.8  261.4     183   7.7  262.5
 50   3.7  299.2     117   6.0  258.8     184   7.9  259.7
 51   3.8  305.3     118   6.0  256.7     185   8.1  255.8
 52   4.0  307.4     119   6.0  255.2     186   8.4  252.6
 53   4.0  304.7     120   6.2  254.6     187   8.5  251.6
 54   3.9  303.6     121   6.6  255.5     188   8.1  250.4
 55   3.8  301.7     122   6.9  256.1     189   7.6  247.4
 56   3.7  300.0     123   6.5  257.6     190   6.9  242.5
 57   3.7  301.3     124   6.1  259.7     191   6.7  240.3
 58   3.8  305.2     125   5.8  260.6     192   6.3  240.2
 59   3.9  310.8     126   5.8  260.3     193   5.2  243.2
 60   4.3  313.4     127   5.4  264.9     194   4.5  242.5
 61   4.7  310.8     128   5.5  266.6     195   4.3  241.0
 62   4.6  307.3     129   5.5  266.7     196   4.2  246.8
 63   4.4  305.8     130   5.5  264.6
 64   4.3  307.7     131   5.7  263.6
 65   4.8  311.7     132   5.8  263.2
 66   4.9  308.7     133   6.0  263.3
```

```
SNOWBIRD STATION 234     (193M.)      3/SEP/75      2318 GMT
LAT= 74.4767N  LONG= 142.6931W  LTER=   110.   LGER=   135.
NIVEL=  13.6   EIVEL=  -1.4     NVER=     1.   EVER=     2.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   2.1   43.3     134   6.8  353.4
  1   0.0  999.9      68   1.9  359.6     135   6.5  352.3
  2   0.0  999.9      69   2.5  339.9     136   6.8  352.1
  3   0.0  999.9      70   2.4  336.6     137   7.3  351.9
  4  12.8    1.9      71   2.4  326.5     138   7.2  351.5
  5  11.3    2.4      72   2.7  316.2     139   6.8  349.9
  6  11.2    2.0      73   2.8  317.1     140   6.3  348.3
  7  10.9    0.6      74   2.9  318.8     141   6.2  347.8
  8  10.8  356.6      75   3.2  316.8     142   6.1  347.6
  9  11.0  356.6      76   3.1  313.7     143   6.0  347.5
 10  11.0  357.0      77   3.0  303.8     144   6.1  347.3
 11  11.1  357.7      78   3.0  302.3     145   6.2  347.1
 12  11.0  358.8      79   3.2  312.7     146   6.5  343.7
 13  11.1  359.6      80   3.4  318.5     147   6.5  344.0
 14  11.2  359.9      81   3.7  323.0     148   6.4  347.7
 15  11.4    0.1      82   3.2  322.9     149   6.4  348.4
 16  11.6    0.7      83   2.8  320.0     150   6.5  348.1
 17  11.7    2.3      84   2.7  319.1     151   6.7  346.7
 18  11.7    3.4      85   3.0  323.0     152   6.9  345.3
 19  11.7    4.2      86   3.4  326.7     153   7.1  343.9
 20  11.8    5.5      87   3.4  328.4     154   7.2  342.1
 21  12.5    8.8      88   3.4  328.5     155   7.0  340.1
 22  13.3   10.4      89   3.3  328.5     156   6.8  338.4
 23  12.1   11.4      90   3.3  328.2     157   6.7  338.6
 24  11.3   12.8      91   3.4  327.7     158   6.6  339.4
 25   9.3   12.2      92   3.8  325.6     159   6.6  340.6
 26   6.8   13.3      93   3.8  326.3     160   6.4  341.8
 27   5.3   20.9      94   3.9  327.3     161   5.8  348.2
 28   4.6   30.1      95   4.4  326.8     162   5.8  353.9
 29   4.3   32.0      96   4.9  326.8     163   5.7  355.0
 30   4.1   32.2      97   5.3  328.5     164   5.5  355.4
 31   3.9   32.7      98   5.7  329.6     165   5.1  355.5
 32   3.7   33.0      99   6.1  329.9     166   4.7  359.9
 33   3.5   33.3     100   6.4  329.7     167   4.6    1.1
 34   3.3   34.9     101   6.8  329.3     168   4.4    4.2
 35   3.1   37.7     102   7.2  329.9     169   4.2   10.8
 36   2.9   42.7     103   7.3  328.2     170   3.9   13.9
 37   2.3   42.4     104   7.3  325.3     171   3.3   21.6
 38   2.0   46.5     105   7.3  322.5     172   4.2   46.7
 39   1.7   44.1     106   7.6  320.8     173   4.6   50.9
 40   1.3   43.7     107   7.7  320.2     174   4.4   51.6
 41   1.2   42.1     108   7.3  321.1     175   4.4   43.1
 42   1.2   38.8     109   6.6  319.5     176   4.7   34.0
 43   1.1   34.6     110   6.3  318.7     177   4.6   26.3
 44   1.1   29.0     111   6.0  319.3     178   4.8   24.4
 45   1.2   29.2     112   5.9  322.7     179   5.2   24.1
 46   0.9   22.9     113   5.8  325.0     180   6.2   29.9
 47   1.3    5.7     114   5.8  326.9     181   6.7   32.8
 48   2.0    1.1     115   5.5  330.6     182   5.9   27.2
 49   2.2    3.6     116   5.2  334.7     183   5.4   17.2
 50   2.5    8.3     117   5.0  338.6     184   5.3    9.7
 51   2.5   12.2     118   5.0  341.5     185   5.4    6.5
 52   2.5   18.7     119   5.2  343.3     186   5.2    7.0
 53   2.6   26.4     120   5.4  348.2     187   5.0    7.5
 54   2.7   36.6     121   5.6  353.6     188   4.7    7.2
 55   2.6   43.2     122   5.8  358.3     189   4.5    4.8
 56   2.5   45.3     123   6.0    3.5     190   4.4    2.0
 57   2.3   36.7     124   6.4    6.0     191   4.9    7.8
 58   2.0   29.4     125   6.6    5.9     192   5.5   12.1
 59   1.6   27.3     126   6.6    5.1     193   5.5   12.1
 60   1.5   35.6     127   6.7    3.1
 61   1.8   34.4     128   6.9    0.1
 62   2.1   36.1     129   7.2  358.8
 63   2.4   40.7     130   7.3  357.9
 64   2.4   45.0     131   7.4  357.1
 65   2.2   46.2     132   7.5  356.9
 66   2.1   46.3     133   7.3  355.4
```

CAMP SNOWBIRD STATION 235
DATE 4/ 9/75 TIME 542(GMT)



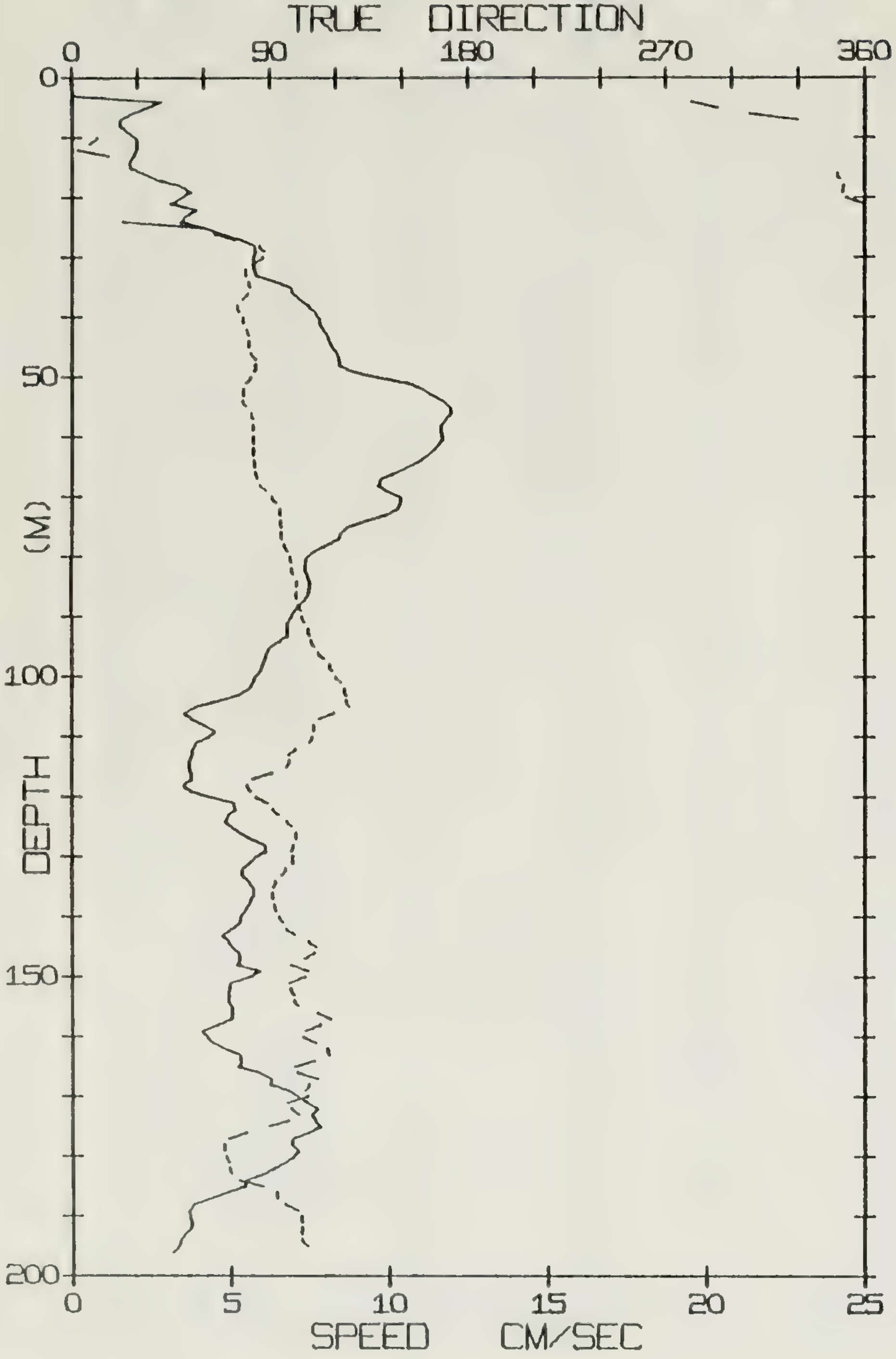
CAMP SNOWBIRD STATION 236
DATE 4/ 9/75 TIME 1412(GMT)



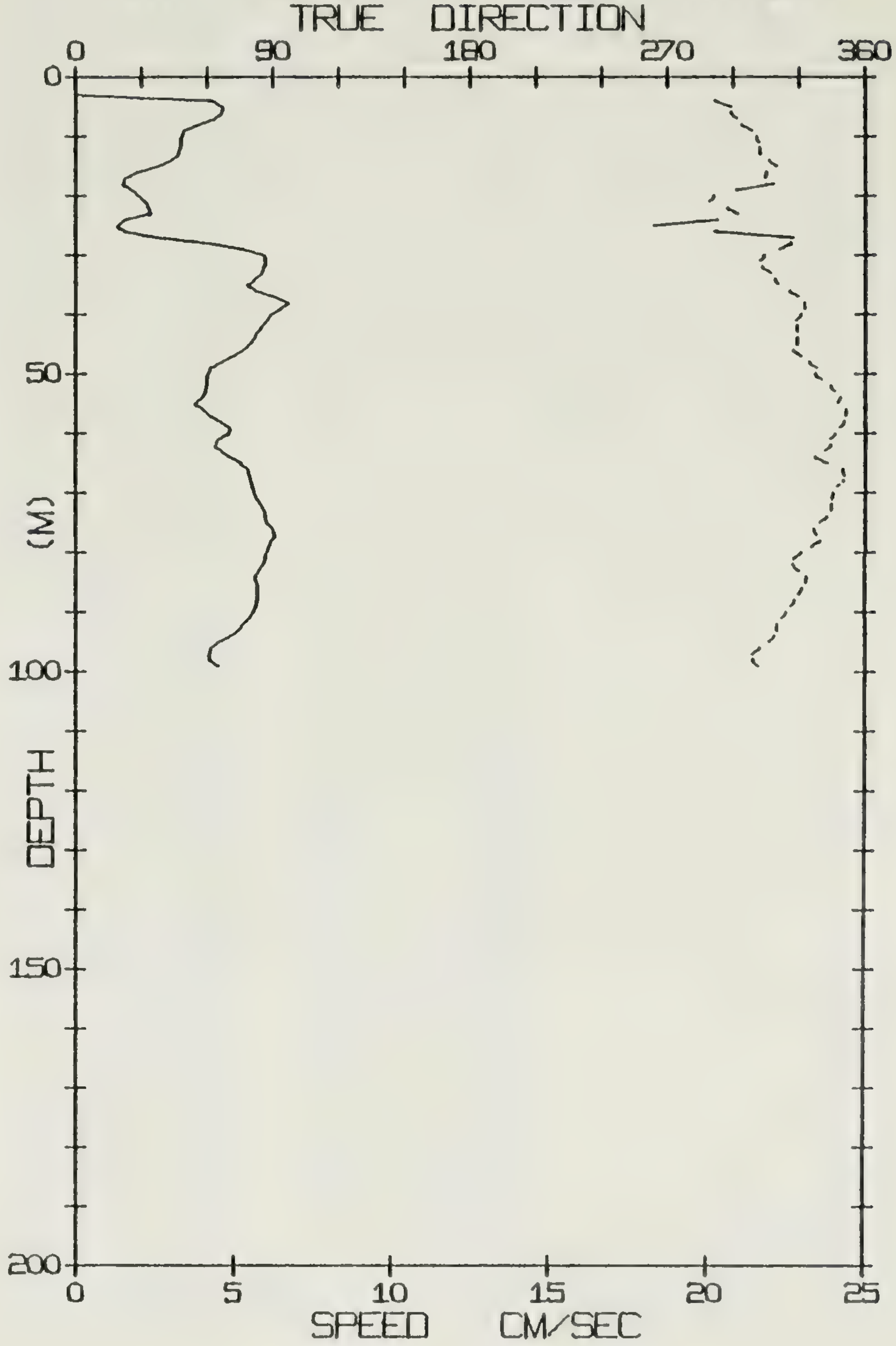
```
SNOWBIRD STATION 235      (196M.)        4/SEP/75        542 GMT
LAT= 74.4833N  LONG= 142.6439W  LTER=     0.  LGER=        0.
NIVEL=   -9.6   EIVEL=    2.3    NVER=     0   EVER=        0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    1.0   295.3       134    5.2   214.9
  1    0.0   999.9        68    0.9   299.1       135    5.5   215.1
  2    0.0   999.9        69    1.1   305.9       136    5.6   215.9
  3    0.0   999.9        70    1.3   308.4       137    5.6   217.6
  4   12.4   179.5        71    1.5   305.0       138    5.4   218.7
  5   12.8   180.6        72    1.4   289.9       139    5.1   216.1
  6   13.2   182.0        73    1.3   275.2       140    5.1   217.1
  7   13.4   183.0        74    1.2   285.6       141    5.3   219.8
  8   13.6   183.1        75    1.3   309.9       142    5.8   221.6
  9   13.5   182.8        76    1.4   319.7       143    6.0   224.6
 10   13.2   183.6        77    0.8   321.9       144    4.6   225.6
 11   13.0   185.8        78    0.5   290.9       145    2.6   205.2
 12   12.7   187.9        79    0.7   247.8       146    2.3   200.6
 13   12.3   189.2        80    1.1   236.7       147    3.0   215.7
 14   11.9   190.4        81    1.3   245.6       148    4.4   224.4
 15   11.7   191.2        82    1.4   254.8       149    4.2   224.7
 16   11.9   191.8        83    1.5   266.2       150    3.8   223.5
 17   12.2   192.0        84    1.2   251.8       151    4.2   220.9
 18   12.6   191.9        85    0.9   226.6       152    4.9   220.8
 19   13.0   191.7        86    0.5   228.1       153    4.8   230.4
 20   13.3   191.8        87    0.3   227.4       154    3.7   230.7
 21   12.9   192.0        88    0.7   251.7       155    4.1   218.5
 22   12.2   192.5        89    0.8   238.8       156    4.8   208.8
 23   11.4   193.1        90    1.0   224.6       157    5.0   207.3
 24   10.7   194.9        91    1.2   213.7       158    4.8   205.9
 25    9.9   196.4        92    1.5   206.4       159    5.0   206.4
 26    8.7   199.3        93    1.7   200.6       160    5.2   207.8
 27    6.8   202.0        94    2.0   195.9       161    4.9   205.5
 28    4.9   196.8        95    2.1   193.7       162    5.1   204.5
 29    3.7   191.4        96    2.3   191.6       163    5.1   211.0
 30    2.9   204.3        97    2.6   192.5       164    5.1   218.7
 31    3.6   231.8        98    2.9   192.0       165    5.1   217.8
 32    4.9   239.0        99    3.2   192.2       166    4.5   211.6
 33    4.1   243.4       100    3.2   193.2       167    3.4   203.5
 34    2.5   245.7       101    3.3   198.5       168    3.0   200.0
 35    2.5   245.7       102    3.4   202.6       169    2.8   203.6
 36    2.4   245.6       103    3.3   204.5       170    2.7   205.2
 37    2.5   242.7       104    3.2   206.6       171    2.6   200.9
 38    2.5   236.1       105    3.0   209.9       172    2.2   216.1
 39    2.6   226.9       106    2.9   214.0       173    2.1   241.0
 40    2.5   224.9       107    2.8   218.2       174    2.4   249.6
 41    2.1   220.3       108    2.6   222.6       175    2.3   242.9
 42    2.0   212.5       109    2.5   229.2       176    2.4   249.2
 43    2.0   213.9       110    2.5   237.6       177    2.4   250.3
 44    2.1   213.2       111    2.5   248.0       178    2.6   261.2
 45    2.0   241.9       112    2.7   258.0       179    2.5   257.1
 46    2.1   273.6       113    3.3   261.4       180    2.5   259.2
 47    2.0   280.8       114    3.7   260.1       181    2.6   265.1
 48    1.6   270.0       115    3.7   259.7       182    2.7   269.3
 49    1.7   260.3       116    3.7   256.8       183    3.1   274.6
 50    2.1   274.7       117    3.6   254.6       184    3.5   275.8
 51    2.6   285.6       118    3.6   252.8       185    3.9   276.5
 52    3.0   290.8       119    3.6   251.1       186    4.3   275.4
 53    2.7   295.6       120    3.6   250.0       187    5.1   268.1
 54    2.2   303.0       121    3.5   245.8       188    6.0   255.2
 55    1.9   307.4       122    3.4   234.2       189    5.6   252.9
 56    1.7   314.2       123    3.3   233.8       190    5.4   248.2
 57    1.7   319.4       124    3.1   232.3       191    5.1   243.0
 58    2.0   324.8       125    3.2   222.7       192    5.1   232.2
 59    2.3   329.4       126    3.4   210.6       193    4.4   226.0
 60    2.6   332.6       127    3.7   207.9       194    4.1   210.6
 61    2.7   327.2       128    3.9   207.2       195    4.6   195.9
 62    2.5   320.7       129    4.2   208.1       196    4.8   191.3
 63    2.4   315.6       130    4.2   211.1
 64    2.3   314.9       131    4.5   213.8
 65    1.9   311.2       132    4.5   216.4
 66    1.2   300.5       133    4.8   216.4
```

```
SNOWBIRD STATION 236      (100M.)        4/SEP/75       1412 GMT
LAT= 74.4818N  LONG= 142.6763W  LTER=     2.  LGER=        3.
NIVEL=    2.4   EIVEL=    5.1    NVER=     0.  EVER=        0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   15.8    34.9
  1    0.0   999.9        68   15.7    34.7
  2    0.0   999.9        69   15.8    34.4
  3    0.0   999.9        70   16.0    33.9
  4    4.6    52.4        71   16.1    33.6
  5    4.5    49.7        72   15.8    34.4
  6    4.3    47.9        73   15.2    34.7
  7    4.3    47.1        74   14.7    34.1
  8    4.6    38.3        75   14.6    33.6
  9    4.8    34.5        76   14.7    32.7
 10    4.9    31.5        77   14.6    32.0
 11    5.4    28.6        78   14.5    31.7
 12    5.9    26.2        79   14.5    31.9
 13    6.2    24.5        80   14.4    32.2
 14    6.2    23.4        81   14.2    32.4
 15    6.1    22.5        82   14.1    33.0
 16    6.1    22.2        83   14.0    32.7
 17    6.0    21.4        84   14.0    32.1
 18    6.0    19.7        85   14.2    31.9
 19    6.1    17.5        86   14.3    31.5
 20    6.4    14.6        87   14.2    31.4
 21    6.7    10.1        88   13.7    32.1
 22    7.0     6.2        89   13.3    33.0
 23    7.4     8.0        90   12.9    33.8
 24    7.7    13.1        91   12.7    34.3
 25    8.2    18.5        92   12.9    34.4
 26    8.9    19.9        93   13.1    34.4
 27    9.8    20.0        94   13.1    35.8
 28   10.7    20.8        95   12.8    36.6
 29   11.8    24.2        96   12.6    37.2
 30   13.1    34.1        97   12.4    37.9
 31   13.7    35.3        98   12.2    38.7
 32   14.4    34.9        99   12.1    39.5
 33   14.4    34.6       100   11.9    40.1
 34   14.7    32.4
 35   14.7    29.3
 36   14.3    28.8
 37   14.0    30.5
 38   13.9    32.5
 39   14.1    32.4
 40   14.0    32.6
 41   14.0    34.3
 42   14.1    36.1
 43   14.3    36.0
 44   14.1    35.1
 45   14.5    32.3
 46   14.7    31.4
 47   14.8    32.3
 48   14.7    31.9
 49   14.4    32.0
 50   14.2    33.1
 51   14.2    33.8
 52   14.6    32.5
 53   15.3    30.7
 54   16.1    29.1
 55   16.7    29.5
 56   16.2    31.6
 57   16.1    32.0
 58   16.4    32.1
 59   16.5    33.3
 60   16.2    34.3
 61   16.2    34.1
 62   16.4    33.9
 63   16.5    33.5
 64   16.6    33.5
 65   16.6    33.9
 66   16.2    34.4
```

CAMP SNOWBIRD STATION 237
DATE 4/ 9/75 TIME 2243(GMT)

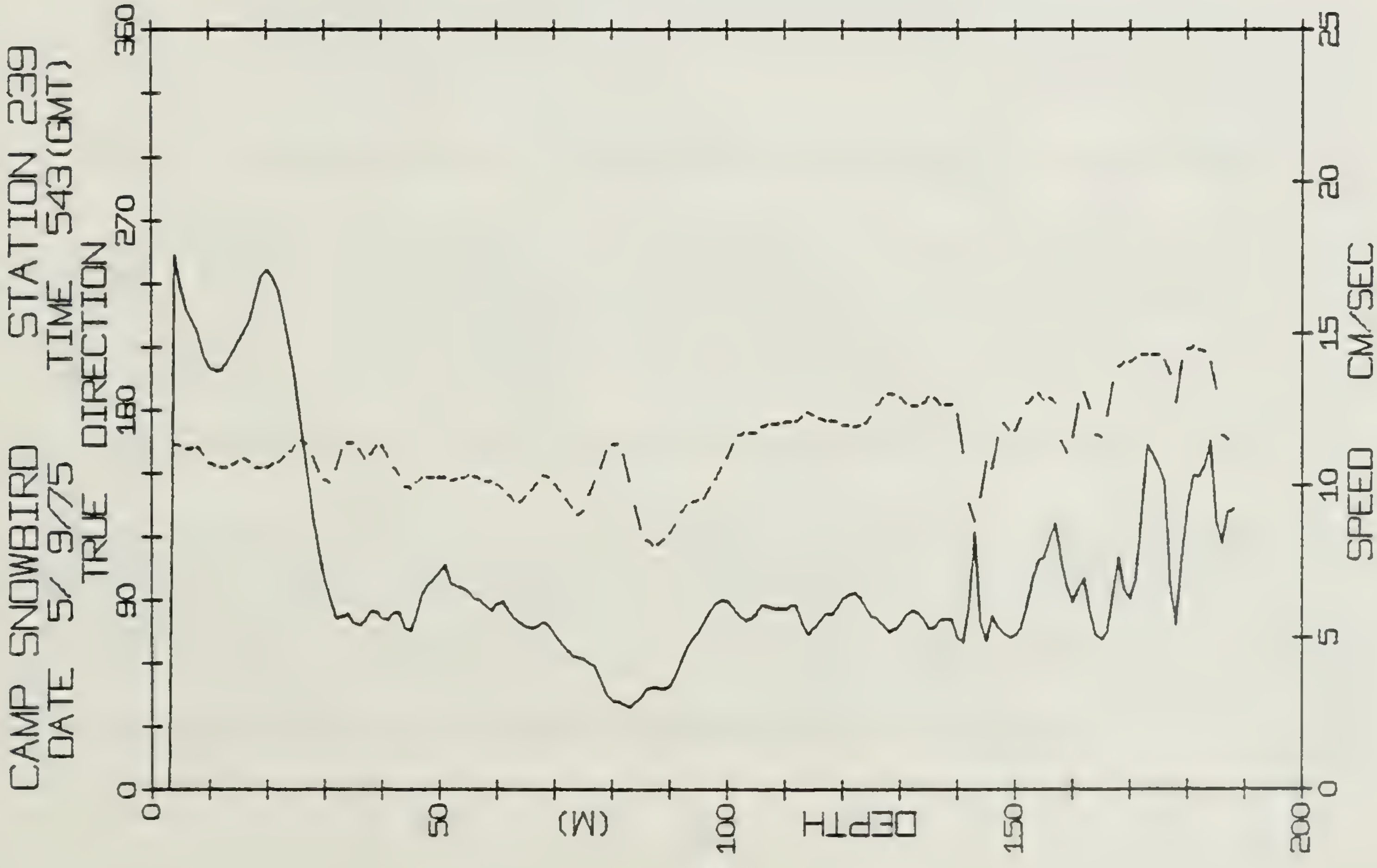


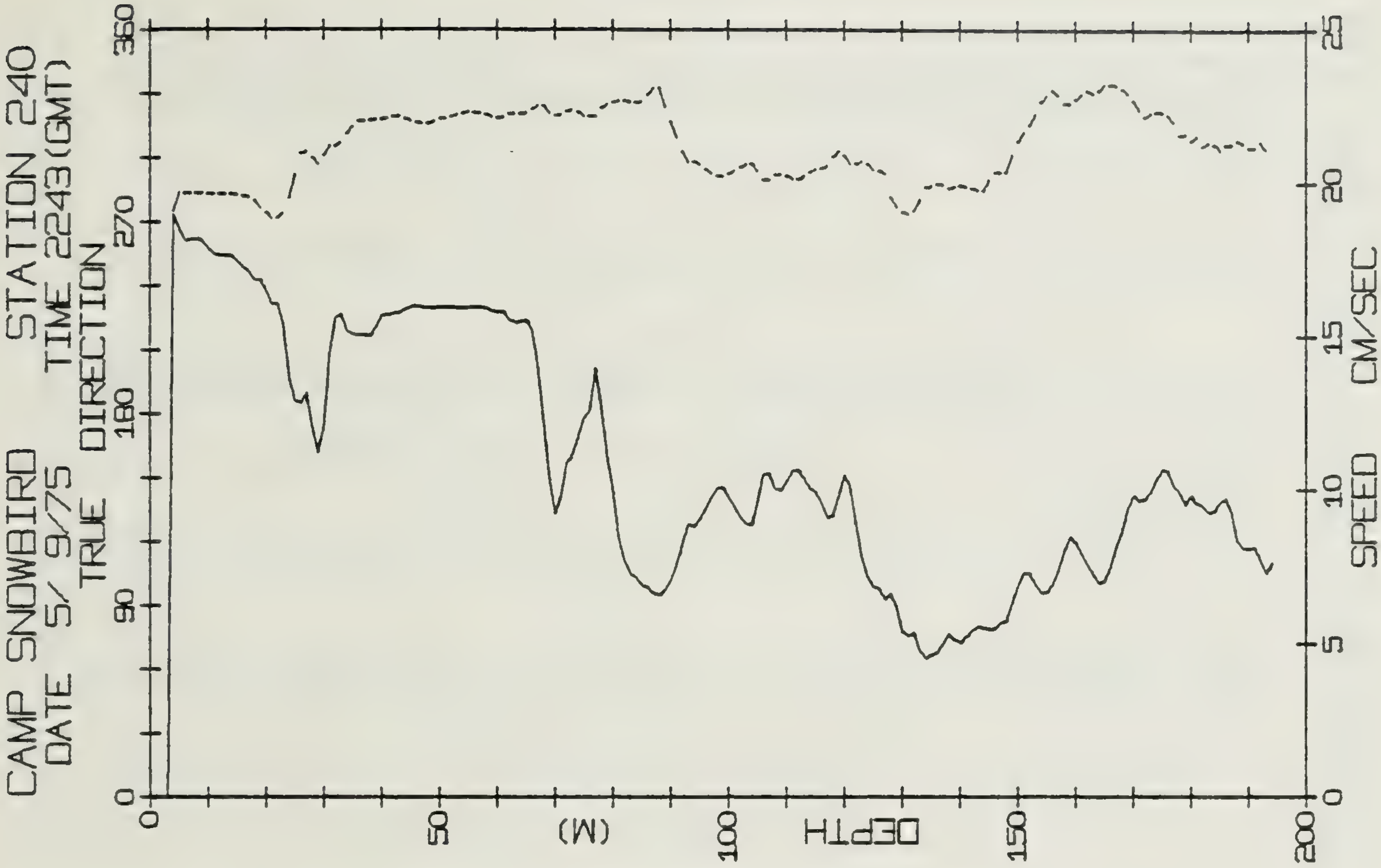
CAMP SNOWBIRD STATION 238
DATE 5/ 9/75 TIME 211(GMT)



```
SNOWBIRD STATION 237    (196M )       4/SEP/75     2243 GMT
LAT= 74.4589N  LONG= 142.6962W  LTER=     1.  LGER=     2.
NIVEL=  -5.4   EIVEL=  -0.8     NVER=     0.  EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    9.8    84.9     134    5.6    92.7
  1    0.0   999.9      68    9.7    85.6     135    5.7    91.4
  2    0.0   999.9      69    9.9    88.7     136    5.7    90.9
  3    0.0   999.9      70   10.4    90.9     137    5.7    91.3
  4    2.8   281.7      71   10.4    92.9     138    5.6    92.2
  5    2.4   293.2      72   10.2    94.4     139    5.4    92.9
  6    1.9   308.0      73    9.9    94.9     140    5.3    94.2
  7    1.5   329.5      74    9.3    95.1     141    5.3    96.1
  8    1.5   352.8      75    8.7    95.3     142    5.0    97.5
  9    1.8     6.9      76    8.5    95.3     143    4.7   101.6
 10    2.0    11.5      77    8.4    95.6     144    4.9   107.6
 11    2.1     8.2      78    8.0    96.7     145    5.1   111.0
 12    2.0     3.0      79    7.7    98.1     146    5.3   110.3
 13    1.9    16.4      80    7.4    99.3     147    5.3   105.7
 14    1.8    13.8      81    7.4    99.8     148    5.2    99.7
 15    1.9   353.5      82    7.4    99.9     149    5.9   107.3
 16    2.3   347.6      83    7.4   100.8     150    5.6   105.9
 17    2.7   349.3      84    7.5   102.1     151    5.0    98.7
 18    3.4   350.5      85    7.5   102.0     152    4.9    99.4
 19    3.8   350.0      86    7.5   101.9     153    4.9   101.0
 20    3.5   352.0      87    7.4   102.0     154    4.9   101.0
 21    3.1   359.5      88    7.2   102.8     155    5.0   103.2
 22    3.9     4.8      89    7.0   104.0     156    5.0   111.8
 23    3.6   356.8      90    6.9   104.9     157    5.0   117.4
 24    3.4    23.2      91    6.8   106.0     158    4.6   113.1
 25    4.2    58.9      92    6.8   107.5     159    4.1   106.2
 26    4.7    64.9      93    6.8   108.1     160    4.3   105.0
 27    5.3    74.2      94    6.6   109.1     161    4.5   110.7
 28    5.8    85.4      95    6.3   110.2     162    4.8   116.2
 29    5.8    87.5      96    6.1   112.0     163    5.3   116.9
 30    5.7    86.9      97    6.1   114.6     164    5.4   110.5
 31    5.7    83.3      98    6.0   117.0     165    5.2   101.1
 32    5.8    79.3      99    5.9   118.3     166    5.9   102.4
 33    5.8    79.4     100    5.8   120.0     167    6.3   111.6
 34    6.4    80.7     101    5.7   122.4     168    6.3   107.8
 35    6.9    81.4     102    5.6   123.8     169    6.8   106.0
 36    7.0    80.2     103    5.3   124.6     170    7.1   107.2
 37    7.2    77.7     104    4.6   124.9     171    7.4    98.1
 38    7.5    75.3     105    3.9   126.2     172    7.8    99.7
 39    7.7    76.1     106    3.6   119.2     173    7.6   102.8
 40    7.8    77.8     107    3.8   112.5     174    7.7    98.3
 41    7.8    78.5     108    4.2   109.9     175    7.8    89.1
 42    7.9    79.8     109    4.5   110.2     176    7.5    79.5
 43    8.1    80.8     110    4.3   109.3     177    7.0    71.2
 44    8.1    80.9     111    3.9   107.8     178    6.9    69.1
 45    8.3    81.1     112    3.8   101.8     179    7.1    69.3
 46    8.4    81.9     113    3.8    98.5     180    7.0    70.2
 47    8.5    83.8     114    3.7    98.8     181    6.7    71.4
 48    8.4    83.8     115    3.7    97.5     182    6.4    71.5
 49    8.8    83.1     116    3.8    90.8     183    6.0    72.5
 50    9.6    81.4     117    3.8    82.2     184    5.5    75.9
 51   10.6    79.3     118    3.5    79.9     185    5.5    86.7
 52   11.1    78.4     119    3.7    81.2     186    4.9    92.8
 53   11.4    78.0     120    4.4    83.7     187    4.4    93.2
 54   11.7    77.9     121    5.1    88.7     188    3.8    96.8
 55   12.0    79.8     122    5.2    91.4     189    3.7   102.5
 56   12.0    81.6     123    4.9    93.7     190    3.7   104.0
 57   11.8    82.6     124    4.8    97.7     191    3.8   104.6
 58   11.7    82.9     125    5.0   100.2     192    3.7   104.4
 59   11.7    82.9     126    5.3   101.7     193    3.6   103.9
 60   11.7    82.9     127    5.7   102.1     194    3.4   104.6
 61   11.6    83.0     128    6.1   100.5     195    3.3   106.9
 62   11.4    83.0     129    6.1    99.6     196    3.2   110.8
 63   11.2    83.0     130    5.8   100.4
 64   11.0    83.2     131    5.6   100.1
 65   10.6    83.5     132    5.4    97.2
 66   10.2    84.0     133    5.4    95.3
```

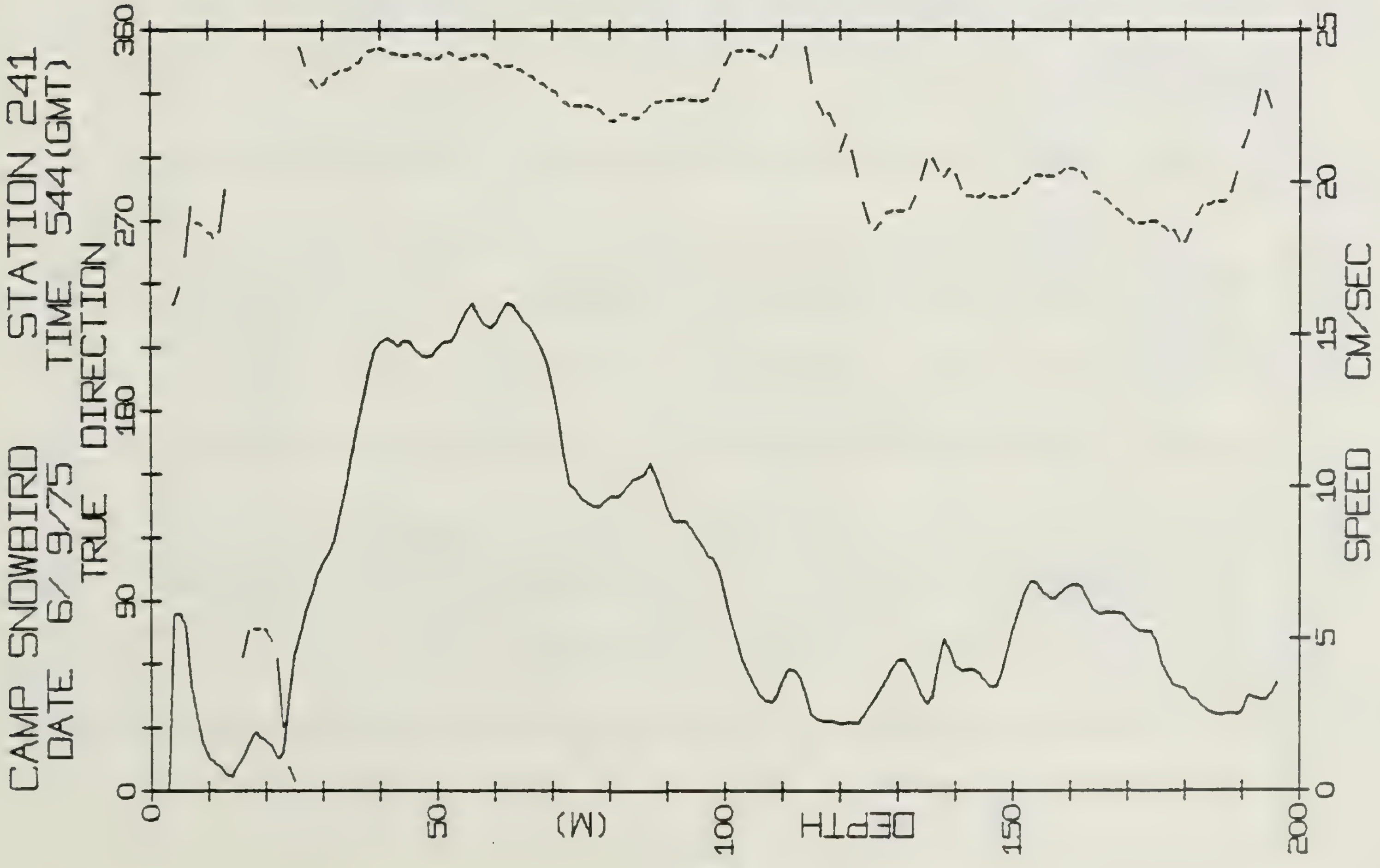
```
SNOWBIRD STATION 238    ( 99M. )       5/SEP/75      211 GMT
LAT= 74.4563N  LONG= 142.6841W  LTER=    21    LGER=    43.
NIVEL=  -3.3   EIVEL=  -2.1     NVER=     0.   EVER=     1.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    5.5   351.0
  1    0.0   999.9      68    5.6   350.1
  2    0.0   999.9      69    5.6   347.2
  3    0.0   999.9      70    5.7   345.4
  4    4.3   291.6      71    5.8   344.6
  5    4.6   298.8      72    5.9   344.6
  6    4.6   299.2      73    6.0   344.6
  7    4.4   301.4      74    6.0   342.4
  8    3.9   303.5      75    6.1   339.2
  9    3.4   308.5      76    6.2   336.8
 10    3.3   310.6      77    6.3   337.8
 11    3.3   311.8      78    6.2   339.5
 12    3.3   312.2      79    6.1   335.5
 13    3.2   312.4      80    6.0   331.0
 14    3.0   316.3      81    6.0   327.4
 15    2.6   319.7      82    5.9   327.3
 16    2.0   315.0      83    5.8   329.6
 17    1.6   314.1      84    5.7   333.2
 18    1.5   318.0      85    5.7   332.8
 19    1.8   301.5      86    5.8   331.3
 20    2.0   291.2      87    5.8   329.6
 21    2.2   288.7      88    5.7   328.0
 22    2.3   297.2      89    5.7   326.2
 23    2.4   302.2      90    5.6   324.3
 24    1.6   293.0      91    5.5   321.9
 25    1.3   264.0      92    5.3   319.7
 26    1.5   291.3      93    5.2   319.6
 27    2.6   327.2      94    4.9   318.6
 28    4.2   326.3      95    4.5   316.2
 29    5.3   321.3      96    4.3   312.0
 30    6.0   314.0      97    4.2   308.8
 31    6.0   311.8      98    4.2   309.1
 32    6.0   313.1      99    4.5   311.3
 33    5.9   317.0
 34    5.7   318.9
 35    5.5   320.8
 36    5.7   325.8
 37    6.3   329.9
 38    6.8   332.3
 39    6.5   333.1
 40    6.2   331.0
 41    6.1   328.6
 42    5.9   329.3
 43    5.8   329.1
 44    5.6   329.5
 45    5.5   329.5
 46    5.3   327.6
 47    5.0   330.8
 48    4.6   334.5
 49    4.3   337.7
 50    4.2   337.6
 51    4.2   340.5
 52    4.1   344.2
 53    4.1   346.6
 54    4.0   348.8
 55    3.8   347.3
 56    4.1   351.4
 57    4.2   351.1
 58    4.6   350.5
 59    4.9   348.8
 60    4.8   346.6
 61    4.5   343.9
 62    4.4   344.2
 63    4.6   341.6
 64    4.9   337.3
 65    5.2   342.7
 66    5.5   349.8
```

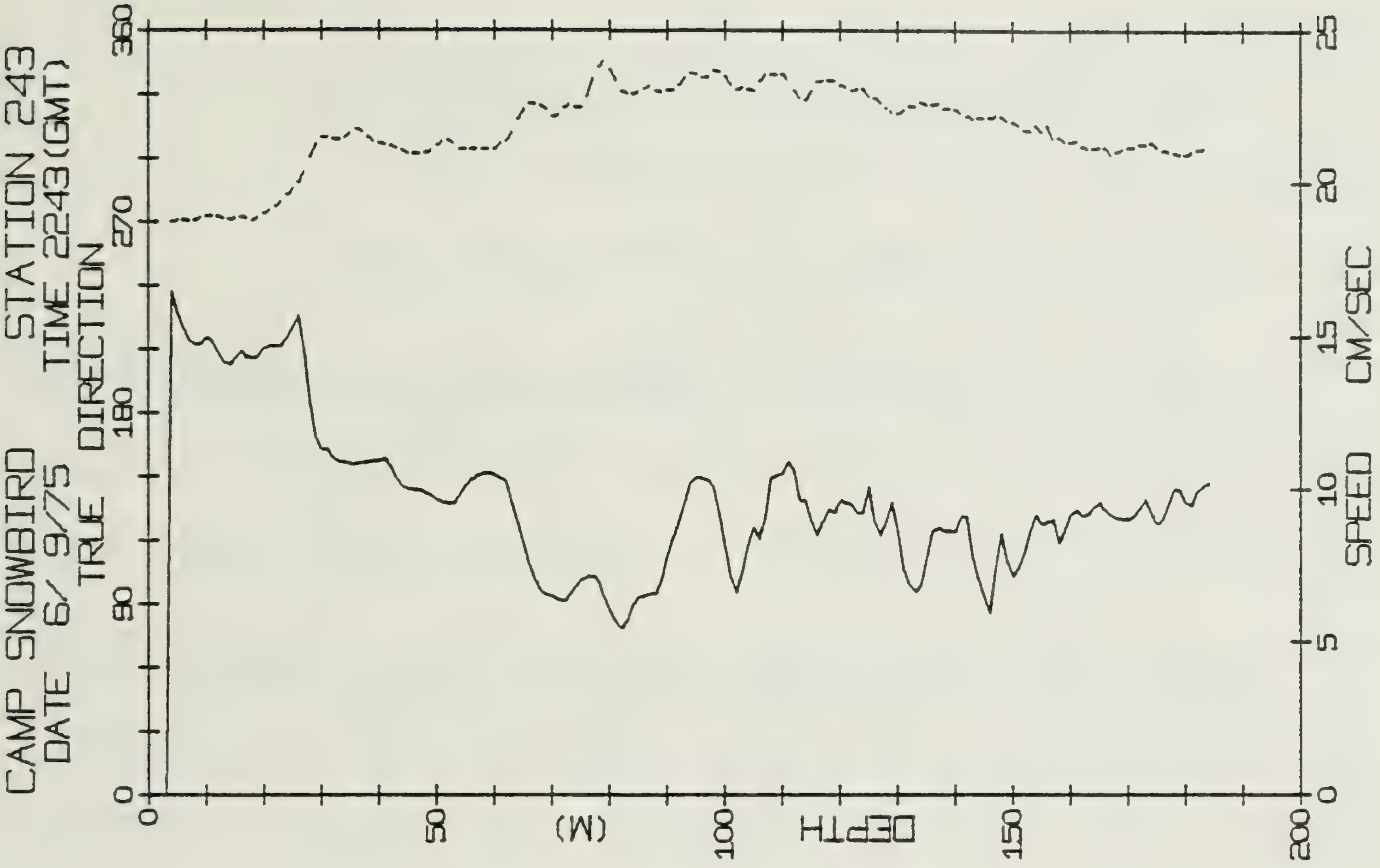

CAMP SNOWBIRD STATION 239
DATE 5/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 240
DATE 5/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 239     (188M.)        5/SEP/75        543 GMT
LAT= 74.4423N  LONG= 142.6610W  LTER=    1.  LCER=     1
NIVEL= -19.1   EIVEL=    8.7    NVER=    0.  EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   5.4  145.6      134   5.6  183.4
  1   0.0  999.9       68   5.5  148.7      135   5.3  186.3
  2   0.0  999.9       69   5.4  148.0      136   5.4  185.7
  3   0.0  999.9       70   5.1  144.8      137   5.6  182.6
  4  17.6  163.7       71   4.8  141.5      138   5.6  182.6
  5  16.6  162.9       72   4.6  137.8      139   5.6  182.8
  6  15.8  161.7       73   4.4  134.0      140   5.0  177.7
  7  15.4  162.2       74   4.3  130.5      141   4.8  159.8
  8  15.0  162.3       75   4.3  132.3      142   6.0  135.4
  9  14.3  158.9       76   4.1  139.8      143   8.5  127.3
 10  13.9  155.1       77   4.0  146.0      144   5.5  138.7
 11  13.8  153.7       78   3.6  152.3      145   4.9  155.4
 12  13.8  153.1       79   3.2  160.4      146   5.7  152.3
 13  14.1  153.0       80   2.9  163.6      147   5.3  166.7
 14  14.4  154.3       81   2.9  164.2      148   5.1  173.7
 15  14.8  156.1       82   2.8  159.1      149   5.0  170.3
 16  15.1  157.0       83   2.7  146.6      150   5.1  170.1
 17  15.5  155.4       84   2.9  134.6      151   5.3  176.2
 18  16.2  153.0       85   3.0  123.6      152   6.0  183.1
 19  16.9  152.5       86   3.3  118.3      153   6.9  186.1
 20  17.1  153.2       87   3.4  116.1      154   7.5  187.8
 21  16.9  154.8       88   3.3  116.6      155   7.7  184.8
 22  16.4  155.7       89   3.3  118.9      156   8.2  185.8
 23  15.5  157.9       90   3.4  121.5      157   8.8  183.4
 24  14.5  160.4       91   3.7  126.1      158   7.6  165.4
 25  13.4  163.3       92   4.2  131.9      159   6.7  159.8
 26  11.9  165.6       93   4.7  135.1      160   6.2  166.9
 27  10.5  164.0       94   5.0  136.5      161   6.6  182.5
 28   9.0  158.3       95   5.2  137.5      162   7.0  188.3
 29   7.9  151.2       96   5.5  138.2      163   5.9  180.9
 30   6.9  147.0       97   5.9  143.0      164   5.1  168.4
 31   6.3  145.5       98   6.1  147.1      165   4.9  166.9
 32   5.7  151.8       99   6.2  152.6      166   5.2  177.0
 33   5.7  160.9      100   6.2  157.5      167   6.4  192.6
 34   5.8  164.5      101   6.0  164.1      168   7.6  200.5
 35   5.5  164.6      102   5.8  168.1      169   6.6  202.8
 36   5.4  161.6      103   5.6  169.4      170   6.3  202.9
 37   5.6  157.5      104   5.6  169.2      171   6.9  204.8
 38   5.9  159.2      105   5.8  168.8      172   9.0  206.0
 39   5.8  163.2      106   6.1  172.1      173  11.3  206.3
 40   5.6  163.0      107   6.0  173.3      174  11.0  206.2
 41   5.6  158.4      108   6.0  173.5      175  10.6  205.8
 42   5.8  152.9      109   6.0  173.7      176  10.1  203.3
 43   5.8  149.3      110   5.9  174.3      177   6.8  197.1
 44   5.3  143.7      111   6.1  174.5      178   5.4  183.8
 45   5.2  142.9      112   6.0  174.8      179   7.6  203.0
 46   5.8  145.6      113   5.5  176.8      180   9.3  208.7
 47   6.5  148.0      114   5.1  178.6      181  10.3  210.4
 48   6.7  148.2      115   5.3  177.3      182  10.3  208.6
 49   7.0  148.0      116   5.5  175.9      183  10.7  207.5
 50   7.2  148.1      117   5.8  174.8      184  11.5  202.8
 51   7.4  148.2      118   5.8  174.7      185   8.8  189.6
 52   6.8  146.7      119   6.0  174.0      186   8.1  167.9
 53   6.7  147.3      120   6.3  172.7      187   9.1  166.1
 54   6.6  148.0      121   6.4  172.5      188   9.2  170.0
 55   6.5  149.0      122   6.5  172.2
 56   6.3  148.4      123   6.3  172.8
 57   6.2  147.3      124   6.0  173.9
 58   6.0  145.9      125   5.7  177.1
 59   5.9  146.0      126   5.6  182.8
 60   6.1  144.7      127   5.4  185.6
 61   6.2  142.7      128   5.2  187.7
 62   5.9  139.8      129   5.3  187.4
 63   5.6  136.9      130   5.4  186.1
 64   5.5  136.5      131   5.7  183.5
 65   5.4  138.8      132   5.9  182.1
 66   5.3  142.1      133   5.8  182.1
```

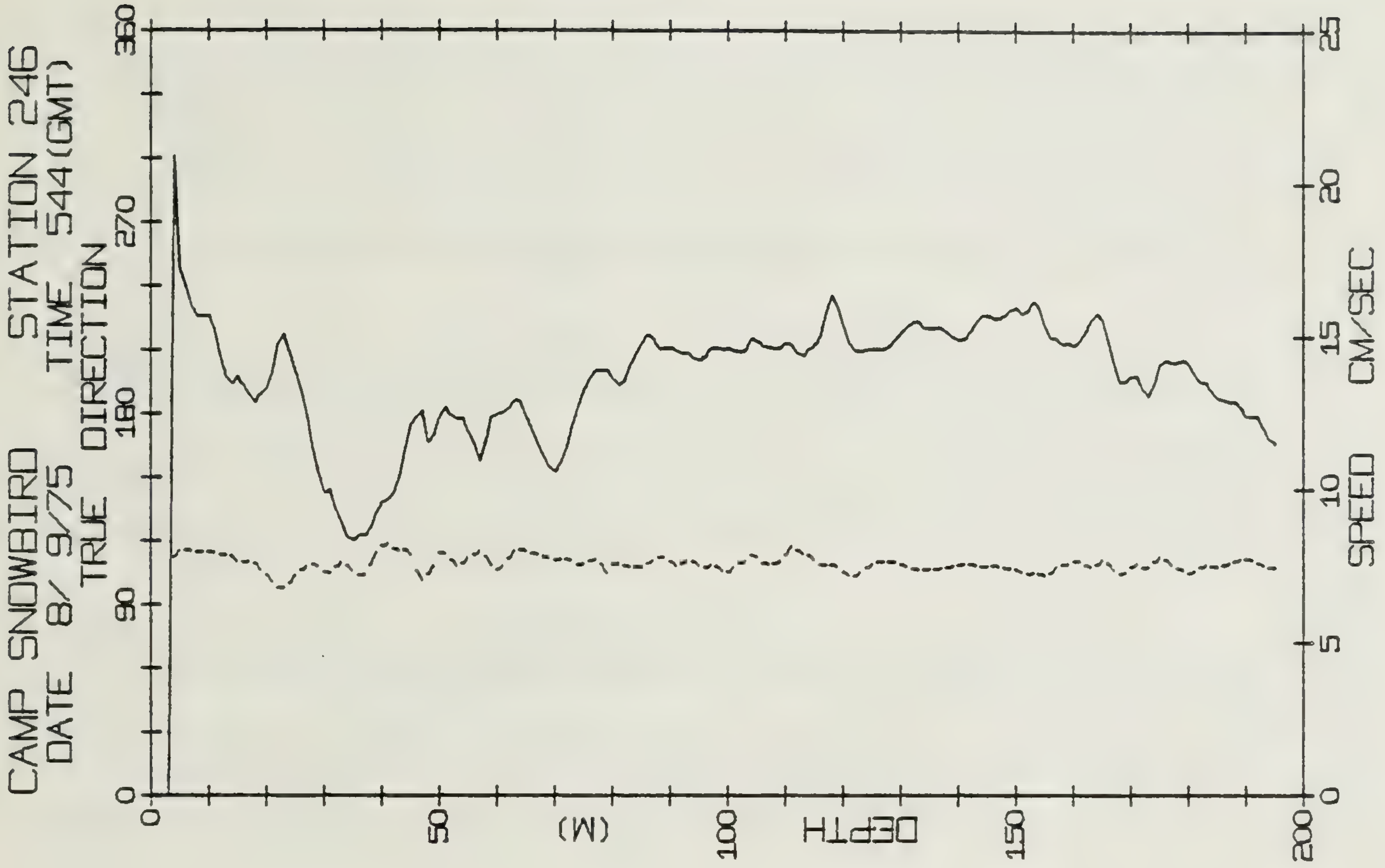
```
SNOWBIRD STATION 240     (194M )        5/SEP/75       2243 GMT
LAT= 74.3882N  LONG= 142 7957W  LTER=    2.  LCER=     3.
NIVEL=   1.2   EIVEL= -18 8     NVER=    0.  EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67  14.0  324.7      134   4.5  286.2
  1   0.0  999.9       68  12.3  324.4      135   4.6  287.3
  2   0.0  999.9       69  10.4  321.3      136   4.7  287.9
  3   0.0  999.9       70   9.2  320.1      137   5.0  287.4
  4  19.0  275.1       71   9.8  320.7      138   5.3  285.8
  5  18.5  283.2       72  10.9  321.9      139   5.1  286.6
  6  18.2  283.3       73  11.2  323.0      140   5.0  287.3
  7  18.2  283.3       74  11.7  321.5      141   5.2  286.6
  8  18.2  283.3       75  12.4  319.7      142   5.4  285.7
  9  18.1  283.2       76  12.6  319.7      143   5.6  284.9
 10  17.9  283.1       77  14.0  319.4      144   5.5  284.5
 11  17.7  283.0       78  12.7  323.6      145   5.5  289.8
 12  17.6  282.9       79  11.1  325.5      146   5.5  293.4
 13  17.7  282.9       80  10.0  326.3      147   5.7  293.4
 14  17.6  282.8       81   8.4  327.0      148   5.8  293.8
 15  17.4  282.4       82   7.7  326.6      149   6.3  301.6
 16  17.3  282.0       83   7.3  326.0      150   6.9  307.8
 17  17.1  281.4       84   7.1  326.0      151   7.3  312.1
 18  16.9  280.0       85   6.9  326.7      152   7.3  315.7
 19  16.8  276.5       86   6.8  329.6      153   6.9  320.5
 20  16.5  274.5       87   6.6  332.7      154   6.7  326.8
 21  16.1  271.8       88   6.6  332.9      155   6.7  329.5
 22  16.0  272.2       89   6.8  324.3      156   6.9  331.9
 23  15.4  274.5       90   7.1  317.1      157   7.4  329.6
 24  13.7  281.3       91   7.6  309.7      158   8.0  325.7
 25  12.9  292.2       92   8.2  303.1      159   8.5  325.6
 26  12.9  302.1       93   8.9  298.3      160   8.3  327.9
 27  13.2  303.4       94   8.8  298.4      161   7.9  330.1
 28  12.1  300.1       95   9.1  296.7      162   7.6  331.6
 29  11.2  297.2       96   9.4  294.8      163   7.3  330.6
 30  12.0  301.2       97   9.8  293.0      164   7.0  331.9
 31  14.5  305.4       98  10.1  291.6      165   7.0  334.5
 32  15.6  305.8       99  10.1  291.3      166   7.5  334.9
 33  15.8  307.5      100   9.8  292.8      167   8.1  334.2
 34  15.2  311.4      101   9.5  294.3      168   8.6  332.5
 35  15.1  314.9      102   9.1  295.9      169   9.4  330.5
 36  15.1  317.4      103   8.9  297.2      170   9.8  327.2
 37  15.0  317.7      104   8.9  297.7      171   9.7  323.2
 38  15.0  318.0      105   9.6  293.9      172   9.7  319.6
 39  15.3  318.3      106  10.5  290.0      173   9.9  321.4
 40  15.7  318.6      107  10.6  290.0      174  10.3  321.8
 41  15.7  319.1      108  10.1  292.1      175  10.7  321.5
 42  15.8  319.8      109  10.0  292.7      176  10.6  320.2
 43  15.8  320.0      110  10.3  291.5      177  10.1  316.8
 44  15.9  318.6      111  10.6  290.2      178   9.9  311.0
 45  16.0  317.4      112  10.7  290.2      179   9.5  311.3
 46  16.0  316.5      113  10.4  291.6      180   9.8  308.6
 47  15.9  316.1      114  10.1  293.4      181   9.6  310.2
 48  15.9  316.4      115   9.9  294.9      182   9.5  305.7
 49  16.0  317.5      116   9.6  295.4      183   9.3  307.4
 50  16.0  318.6      117   9.1  296.6      184   9.3  306.4
 51  15.9  318.9      118   9.2  300.6      185   9.6  304.2
 52  15.9  319.7      119   9.8  303.1      186   9.7  306.2
 53  15.9  320.6      120  10.5  301.3      187   9.3  306.7
 54  15.9  321.3      121  10.1  297.6      188   8.4  308.0
 55  16.0  321.9      122   8.9  297.2      189   8.1  306.6
 56  16.0  321.3      123   7.8  298.5      190   8.1  304.9
 57  16.0  320.8      124   7.2  297.3      191   8.1  304.7
 58  15.9  320.3      125   6.9  294.6      192   7.7  307.3
 59  15.8  319.2      126   6.8  294.1      193   7.3  303.7
 60  15.8  318.8      127   6.4  292.6      194   7.6  303.9
 61  15.8  319.5      128   6.6  281.7
 62  15.6  320.7      129   6.2  277.4
 63  15.5  320.6      130   5.4  274.8
 64  15.5  320.6      131   5.2  273.9
 65  15.6  321.6      132   5.4  275.4
 66  15.2  323.2      133   4.8  280.1
```

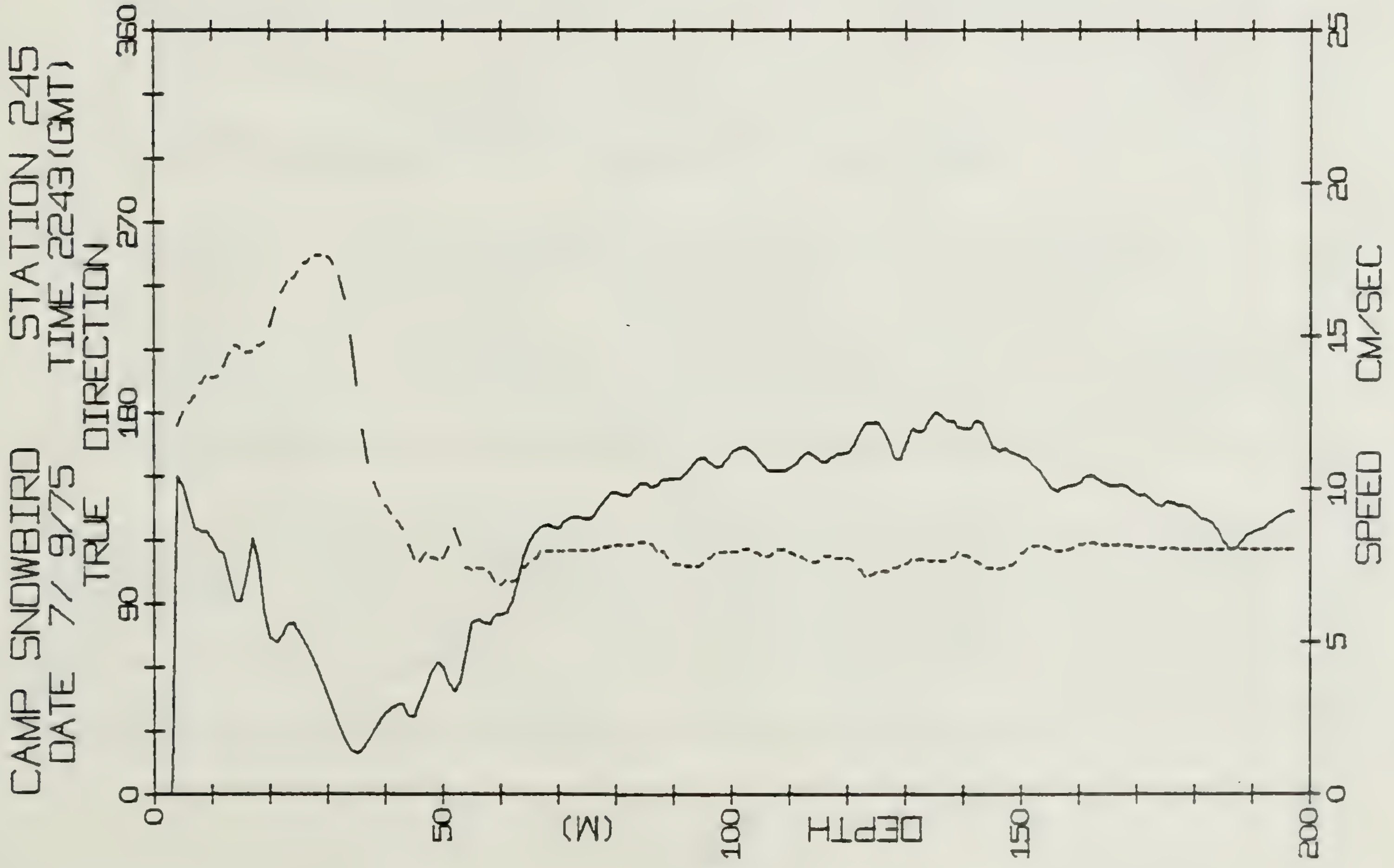

CAMP SNOWBIRD STATION 241
DATE 6/ 9/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 243
DATE 6/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 241      (196M )      6/SEP/75       544 GMT
LAT= 74.3953N  LONG= 142.8612W  LTER=     0   LGER=     0.
NIVEL=  -5.4   EIVEL=  -5.3     NVER=     0.  EVER=     0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67  14.9  336.7      134   3.2  289.0
  1   0.0  999.9       68  14.5  334.9      135   2.9  298.5
  2   0.0  999.9       69  14.1  332.9      136   3.1  299.2
  3   0.0  999.9       70  13.3  331.4      137   4.2  293.4
  4   5.8  230.2       71  12.3  329.2      138   5.0  290.9
  5   5.8  238.0       72  11.0  326.1      139   4.6  294.4
  6   5.5  253.1       73  10.0  324.1      140   4.1  291.5
  7   3.4  276.2       74   9.9  324.4      141   4.0  284.8
  8   2.4  269.2       75   9.6  324.2      142   4.0  281.4
  9   1.5  267.1       76   9.5  324.0      143   4.0  281.0
 10   1.1  264.1       77   9.3  323.3      144   3.9  280.9
 11   0.9  261.9       78   9.3  322.3      145   3.6  282.6
 12   0.8  264.6       79   9.5  320.2      146   3.4  281.1
 13   0.5  284.1       80   9.7  317.0      147   3.4  280.7
 14   0.5  356.6       81   9.6  317.0      148   3.9  281.3
 15   0.8   41.0       82   9.8  319.7      149   4.6  281.6
 16   1.1   63.6       83  10.0  319.7      150   5.3  282.5
 17   1.5   75.4       84  10.2  318.3      151   5.9  284.9
 18   1.9   76.7       85  10.3  318.4      152   6.5  287.4
 19   1.8   76.9       86  10.4  321.0      153   6.9  290.1
 20   1.6   76.1       87  10.7  324.3      154   6.8  291.3
 21   1.4   71.2       88  10.3  325.8      155   6.6  290.8
 22   1.1   62.3       89   9.8  326.6      156   6.4  290.7
 23   1.2   30.9       90   9.3  326.9      157   6.3  290.7
 24   3.0   11.0       91   8.9  327.2      158   6.4  292.3
 25   4.5    5.0       92   8.8  327.4      159   6.6  294.1
 26   5.1  351.7       93   8.9  327.5      160   6.8  294.4
 27   5.9  343.3       94   8.6  326.9      161   6.8  293.4
 28   6.4  336.3       95   8.3  326.5      162   6.7  292.4
 29   7.1  332.9       96   8.1  326.6      163   6.3  289.0
 30   7.5  334.3       97   7.7  327.6      164   5.9  283.5
 31   7.8  337.6       98   7.6  331.2      165   5.8  282.4
 32   8.3  339.1       99   7.2  336.9      166   5.9  280.2
 33   9.2  340.6      100   6.4  343.6      167   5.8  277.6
 34  10.0  341.0      101   5.6  349.1      168   5.8  275.1
 35  11.1  342.5      102   5.0  350.3      169   5.8  272.7
 36  12.0  344.3      103   4.3  350.5      170   5.6  270.6
 37  12.9  346.9      104   3.9  350.4      171   5.4  268.6
 38  13.8  350.0      105   3.5  349.7      172   5.2  268.6
 39  14.5  351.2      106   3.1  348.1      173   5.2  269.0
 40  14.7  351.1      107   3.0  346.5      174   5.2  269.6
 41  14.9  350.2      108   2.9  347.3      175   4.9  269.1
 42  14.8  349.0      109   3.1  352.5      176   4.2  266.9
 43  14.6  348.2      110   3.6  358.1      177   3.8  264.5
 44  14.8  347.5      111   4.0    0.8      178   3.5  264.9
 45  14.8  348.1      112   4.0    0.1      179   3.4  260.0
 46  14.5  348.7      113   3.7  357.9      180   3.3  259.7
 47  14.3  348.0      114   3.2  351.7      181   3.0  265.0
 48  14.2  346.5      115   2.5  335.2      182   3.0  272.6
 49  14.3  345.5      116   2.3  326.2      183   2.8  276.9
 50  14.6  346.2      117   2.3  320.4      184   2.6  277.6
 51  14.7  348.5      118   2.3  320.7      185   2.5  279.0
 52  14.7  349.1      119   2.2  315.1      186   2.5  278.9
 53  15.0  347.6      120   2.2  302.8      187   2.5  279.4
 54  15.4  346.4      121   2.2  310.5      188   2.5  283.5
 55  15.8  346.8      122   2.2  302.9      189   2.5  292.8
 56  16.0  348.0      123   2.2  290.9      190   2.6  304.5
 57  15.6  348.3      124   2.5  278.4      191   3.1  311.9
 58  15.3  348.3      125   2.8  269.0      192   3.0  319.6
 59  15.2  346.3      126   3.0  265.5      193   3.0  331.4
 60  15.3  344.0      127   3.3  269.1      194   3.0  330.7
 61  15.7  342.5      128   3.7  273.9      195   3.2  323.6
 62  16.0  342.8      129   4.0  274.8      196   3.5  325.8
 63  15.9  343.3      130   4.3  274.5
 64  15.7  341.4      131   4.3  274.2
 65  15.4  339.9      132   4.1  275.7
 66  15.2  338.4      133   3.7  281.4
```

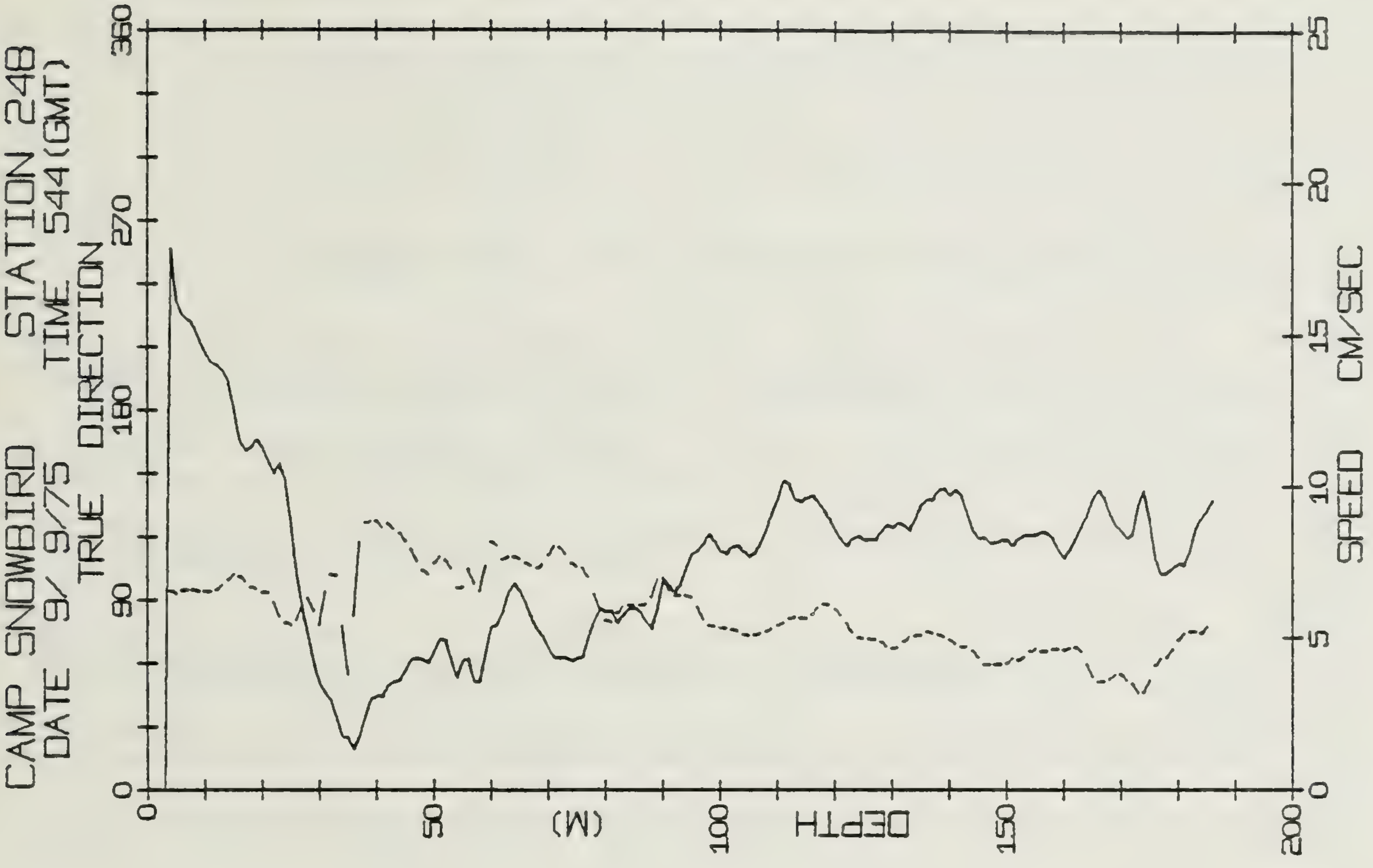
```
SNOWBIRD STATION 243      (184M. )     6/SEP/75      2243 GMT
LAT= 74.3680N  LONG= 143.0571W  LTER=     2   LGER=     4.
NIVEL=  -3.9   EIVEL= -17.9     NVER=     0   EVER=     0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   7.1  325.2      134   6.8  326.2
  1   0.0  999.9       68   6.7  324.5      135   7.7  325.2
  2   0.0  999.9       69   6.5  322.9      136   8.6  325.4
  3   0.0  999.9       70   6.5  319.5      137   8.7  325.9
  4  16.4  270.3       71   6.4  320.5      138   8.6  323.7
  5  15.8  270.9       72   6.3  323.9      139   8.6  323.6
  6  15.3  270.7       73   6.5  325.7      140   8.6  322.9
  7  14.9  270.4       74   6.8  324.0      141   9.1  321.2
  8  14.7  270.9       75   7.0  323.9      142   9.1  319.9
  9  14.8  272.1       76   7.1  329.2      143   7.8  318.4
 10  14.9  272.9       77   7.2  337.3      144   7.1  319.3
 11  14.8  272.9       78   7.0  342.8      145   6.5  319.0
 12  14.5  272.4       79   6.5  346.0      146   5.9  318.9
 13  14.2  271.4       80   6.1  341.6      147   7.4  320.0
 14  14.1  270.8       81   5.7  336.7      148   8.5  319.2
 15  14.3  272.1       82   5.4  331.4      149   7.6  317.2
 16  14.5  272.4       83   5.7  330.4      150   7.2  316.6
 17  14.3  271.3       84   6.2  330.2      151   7.4  315.1
 18  14.3  270.7       85   6.4  331.5      152   7.9  313.2
 19  14.4  272.2       86   6.5  332.8      153   8.6  312.6
 20  14.6  273.8       87   6.6  334.4      154   9.2  314.9
 21  14.7  275.6       88   6.6  331.6      155   8.9  312.6
 22  14.7  277.3       89   7.0  330.7      156   8.9  314.9
 23  14.7  279.6       90   7.8  331.8      157   9.0  309.0
 24  15.0  282.6       91   8.4  332.4      158   8.3  309.6
 25  15.3  285.2       92   8.9  334.5      159   8.6  307.8
 26  15.6  288.5       93   9.5  337.7      160   9.2  307.8
 27  14.5  293.7       94  10.2  339.8      161   9.3  308.2
 28  12.8  300.6       95  10.4  339.3      162   9.1  305.8
 29  11.7  306.6       96  10.3  338.0      163   9.2  304.3
 30  11.3  309.6       97  10.3  338.5      164   9.4  304.9
 31  11.3  310.0       98  10.1  341.1      165   9.6  305.3
 32  11.0  308.8       99   9.2  340.5      166   9.3  304.9
 33  10.9  308.5      100   8.2  338.7      167   9.1  301.9
 34  10.9  309.8      101   7.1  334.6      168   9.0  303.1
 35  10.8  312.2      102   6.6  332.4      169   9.0  304.3
 36  10.9  313.7      103   7.3  333.5      170   9.0  305.1
 37  10.9  312.6      104   8.2  332.4      171   9.1  305.4
 38  10.9  310.0      105   8.7  331.4      172   9.4  306.5
 39  10.9  307.6      106   8.4  336.1      173   9.7  306.2
 40  11.0  306.8      107   9.1  339.2      174   9.2  307.4
 41  11.0  306.2      108  10.4  339.5      175   8.9  305.3
 42  10.7  305.5      109  10.5  339.4      176   9.0  303.8
 43  10.4  304.5      110  10.5  339.3      177   9.5  303.2
 44  10.1  303.6      111  10.9  336.6      178  10.0  302.5
 45  10.0  302.0      112  10.6  331.9      179  10.0  301.5
 46  10.0  301.9      113   9.7  328.1      180   9.6  301.5
 47  10.0  301.9      114   9.6  327.5      181   9.5  303.2
 48   9.9  302.6      115   9.0  331.4      182   9.9  304.0
 49   9.8  304.0      116   8.5  335.9      183  10.1  304.5
 50   9.7  306.1      117   8.9  336.7      184  10.2  305.2
 51   9.6  308.3      118   9.3  336.4
 52   9.5  308.3      119   9.2  336.1
 53   9.6  306.4      120   9.6  334.4
 54   9.8  304.4      121   9.6  333.1
 55  10.1  304.2      122   9.5  331.8
 56  10.3  304.2      123   9.2  332.8
 57  10.4  304.3      124   9.3  332.7
 58  10.5  304.3      125  10.1  329.0
 59  10.5  304.0      126   9.0  328.3
 60  10.4  304.4      127   8.5  326.3
 61  10.3  306.9      128   8.9  323.7
 62  10.3  308.0      129   9.6  321.7
 63   9.6  311.8      130   8.6  321.2
 64   8.9  318.1      131   7.4  322.7
 65   8.3  323.0      132   6.9  324.4
 66   7.6  325.7      133   6.7  324.3
```

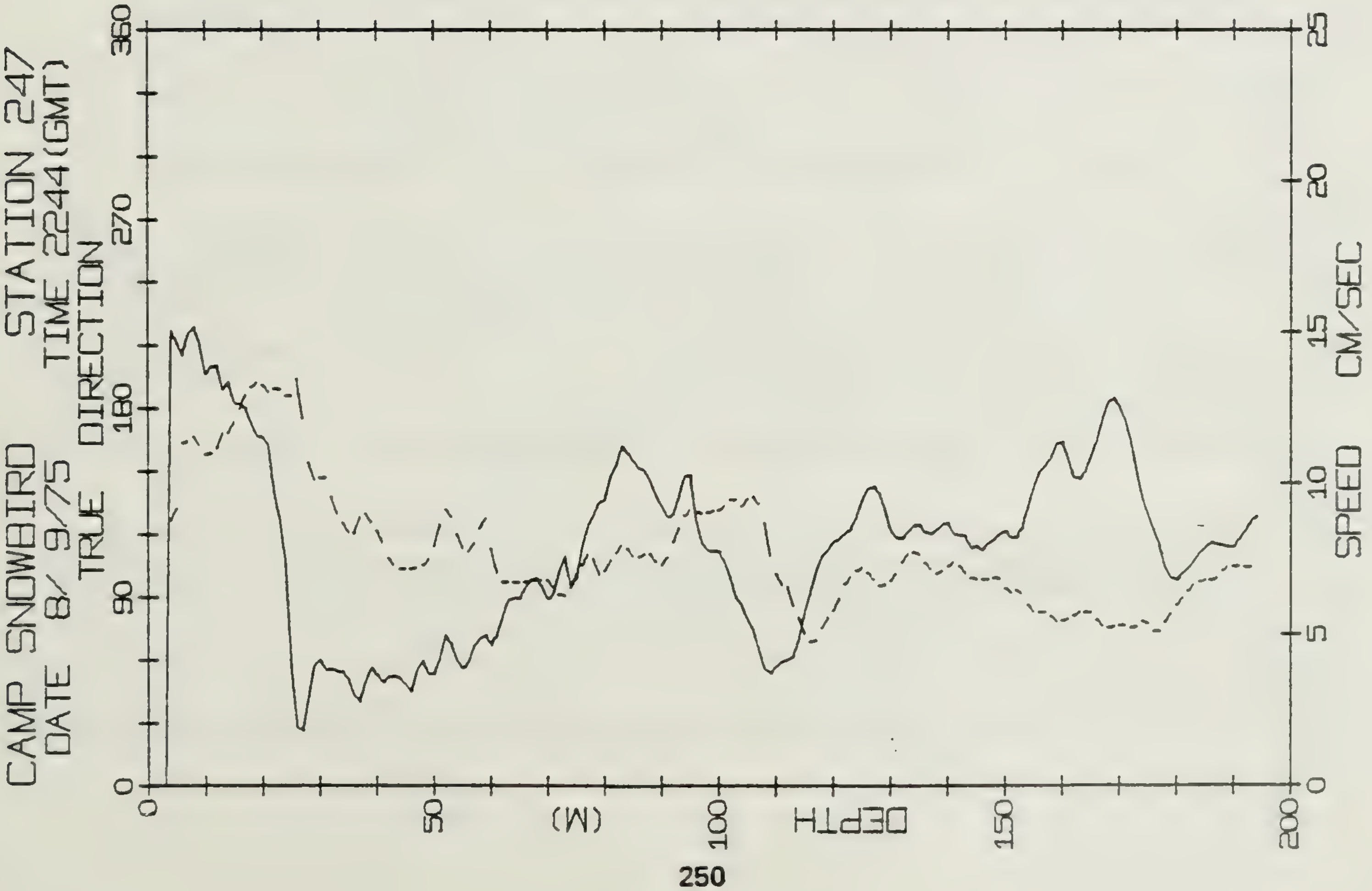

CAMP SNOWBIRD
STATION 246
DATE 8/ 9/75
TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 245
DATE 7/ 9/75
TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 245     (197M.)      7/SEP/75     2243 GMT
LAT= 74.3423N  LONG= 143.0717W  LTER=    10.  LGER=    21.
NIVEL=  -6.6   EIVEL=   6.6     NVER=     1.  EVER=     1.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   8.8  114.9     134  12.3  110.3
  1   0.0  999.9      68   8.8  114.9     135  12.5  110.2
  2   0.0  999.9      69   8.8  114.9     136  12.4  110.1
  3   0 0  999.9      70   8.7  114.9     137  12.2  110.2
  4  10.4  174.1      71   8.9  115.0     138  12.2  111.8
  5  10.1  180.5      72   9.1  115.2     139  12.0  114.0
  6   9.4  184.9      73   9.1  115.1     140  12.0  113.0
  7   8 7  188.4      74   9.0  115.1     141  12.0  111.9
  8   8.6  193.9      75   9.0  115.2     142  12.2  110.0
  9   8.6  197.6      76   9.1  115.5     143  12.2  108.5
 10   8 4  196.6      77   9.4  116.2     144  11.8  106.9
 11   8.0  197.6      78   9.6  116.8     145  11.4  106.7
 12   7.9  202.0      79   9.9  117.5     146  11.2  106.3
 13   7.1  208.1      80   9.9  117.6     147  11.3  107.0
 14   6.3  211.9      81   9 8  117.6     148  11.2  107.9
 15   6.4  210.4      82   9 8  117.6     149  11.1  109.9
 16   7 2  208.7      83  10.0  118.2     150  11.0  113.8
 17   8 4  209 3      84  10.2  119.0     151  11.0  115.9
 18   7.7  211.7      85  10.2  118.9     152  10.8  117.2
 19   6.0  213.3      86  10.1  118.2     153  10.6  117.2
 20   5.1  220 9      87  10.1  115.0     154  10.3  116 5
 21   5.0  229.6      88  10.3  114.5     155  10.1  115.5
 22   5.2  237.2      89  10.3  111.5     156   9.9  114.8
 23   5.6  241.6      90  10.3  108.8     157  10.0  114.9
 24   5 6  243.8      91  10.4  108.2     158  10.1  115.5
 25   5 3  247.1      92  10.5  107.8     159  10.1  116.4
 26   5.0  250.5      93  10.7  107.7     160  10.2  117.9
 27   4.6  252.7      94  11.0  107.6     161  10.4  118.6
 28   4.2  254.3      95  11.0  109.2     162  10.5  118.7
 29   3.7  254.6      96  10.9  111.5     163  10.3  118.1
 30   3.2  253.5      97  10.7  113.6     164  10.2  117.7
 31   2.7  250.5      98  10.7  114.3     165  10.1  117.5
 32   2.2  244.5      99  11.0  114.6     166  10.1  117.6
 33   1.8  233.9     100  11.2  114.3     167  10.1  117.9
 34   1.4  216.4     101  11 3  114.3     168  10.1  117.5
 35   1.3  193.4     102  11.4  115.6     169   9.9  117.1
 36   1.5  171.8     103  11.3  115.6     170   9.8  116.6
 37   1.8  156.8     104  11.1  114.1     171   9.8  116.8
 38   2.1  147.2     105  10 9  112.8     172   9.7  116.7
 39   2.4  140.9     106  10.6  112.2     173   9.5  116.2
 40   2.7  136.3     107  10.6  113.7     174   9.4  115.9
 41   2.8  132.6     108  10.6  115.4     175   9.6  116.0
 42   2.9  129.1     109  10.6  116.0     176   9.5  115.9
 43   2.9  125.2     110  10.7  114.1     177   9.5  115.7
 44   2.6  117.6     111  10.8  112.8     178   9.4  115.7
 45   2.5  111.3     112  11.1  112.0     179   9.4  115.6
 46   3.0  110 3     113  11.2  110.4     180   9.2  115.4
 47   3.5  113.8     114  11.1  109.6     181   9.0  115.3
 48   4.0  111.8     115  11.0  110.3     182   9.0  115 3
 49   4.3  110 6     116  10.9  112.4     183   8.9  115.3
 50   4.2  111.5     117  11.0  112.3     184   8.6  115.3
 51   3.6  116.7     118  11.1  111.4     185   8.2  115.6
 52   3.4  125.2     119  11.2  111.4     186   8.0  115.9
 53   3 7  117 9     120  11.2  111.7     187   8.1  115.8
 54   4.6  107.1     121  11.4  110.1     188   8.3  115.7
 55   5.6  105.7     122  11.8  106.5     189   8.5  115.6
 56   5.7  106.9     123  12.2  103.1     190   8.6  115.5
 57   5.6  106 4     124  12.2  103.5     191   8.7  115.4
 58   5.6  105.0     125  12.2  105.2     192   8.8  115.3
 59   5.9  100.3     126  12.0  105.6     193   8.9  115.3
 60   5.9   99 3     127  11.6  105.6     194   9.1  115.4
 61   6 0  101 4     128  11.0  107.1     195   9.2  115.5
 62   6.3  100 6     129  11.0  107.9     196   9.3  115.6
 63   7.0  102.2     130  11.4  109.0     197   9.3  115.6
 64   7 8  107 2     131  12.0  110.9
 65   8.3  109 4     132  11.9  111.1
 66   8 6  111 0     133  11.9  110.6
```

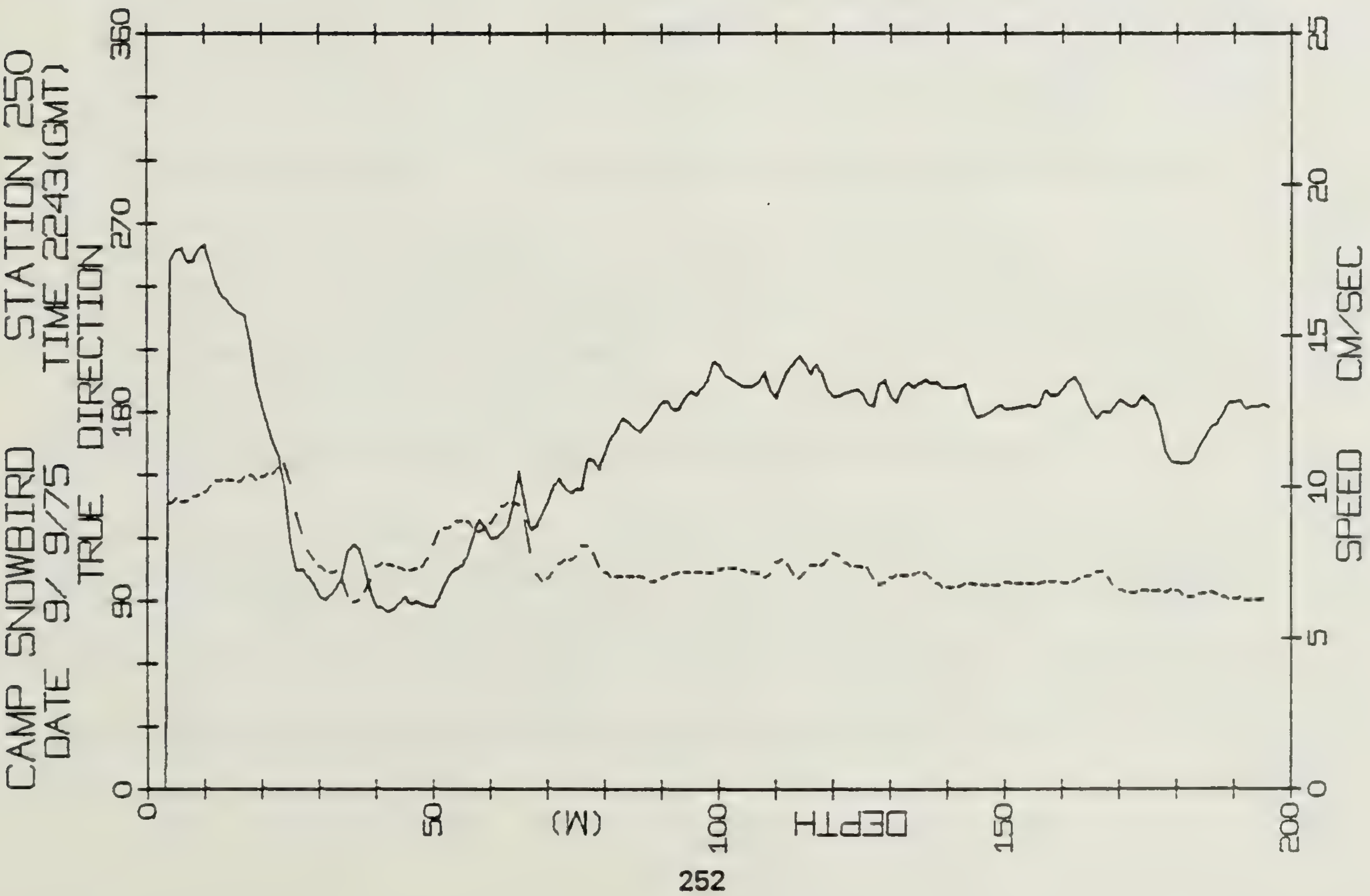
```
SNOWBIRD STATION 246     (195M.)      8/SEP/75      544 GMT
LAT= 74.3376N  LONG= 142.9772W  LTER=     1.  LGER=     2.
NIVEL=  -2.4   EIVEL=  20.9     NVER=     0.  EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67  11.5  113.5     134  15.3  106.6
  1   0.0  999.9      68  11.1  112.6     135  15.3  106.8
  2   0.0  999.9      69  10.7  111.3     136  15.3  107.0
  3   0.0  999.9      70  10.6  111.0     137  15.3  107.3
  4  20.9  112.4      71  10.9  111.4     138  15.1  107.7
  5  17.2  115.1      72  11.4  111.5     139  15.0  108.3
  6  16.7  115.6      73  12.1  110.0     140  14.9  108.9
  7  16.0  114.9      74  12.7  108.8     141  15 0  109.2
  8  15.7  114.5      75  13.2  109.4     142  15.2  108.8
  9  15.7  115.0      76  13.6  110.8     143  15.4  108.2
 10  15.7  114.8      77  13.9  111.3     144  15.7  107.8
 11  15.2  114.0      78  13.9  109.2     145  15.7  108.1
 12  14.4  113.2      79  13.9  104.9     146  15.6  108.5
 13  13.7  112.9      80  13.6  108 9     147  15 6  107.8
 14  13.5  112.5      81  13.4  109.6     148  15.7  107.1
 15  13.7  110.0      82  13.5  108.2     149  15.9  106.6
 16  13.4  109.8      83  14.0  107.6     150  16 0  106.2
 17  13.1  110.5      84  14.4  107.6     151  15.8  105.1
 18  12.9  109.4      85  14.8  108.0     152  15.8  104.4
 19  13.1  106.5      86  15.1  109.3     153  16.2  105.2
 20  13.3  103.9      87  14.9  110.9     154  16.0  104.5
 21  13.8  100.9      88  14.6  112.2     155  15.4  103.6
 22  14.8   98.2      89  14.6  111.9     156  15.0  104.8
 23  15.1   97.8      90  14.6  110.3     157  14.9  107.5
 24  14.5  100.2      91  14.5  108.2     158  14.8  108.6
 25  13.9  103.9      92  14.4  109.3     159  14.8  109 1
 26  13.3  106.2      93  14.5  111.1     160  14.7  110.5
 27  12.5  107.9      94  14.3  110.2     161  14.9  110.7
 28  11.4  109.0      95  14.2  108.2     162  15.1  108.8
 29  10.6  107.6      96  14.4  107.4     163  15.5  107.6
 30   9.9  105.5      97  14.6  108.7     164  15.7  108.9
 31  10.0  104.7      98  14.6  107.9     165  15.6  110.8
 32   9.4  107.9      99  14.6  105.8     166  14.9  109.3
 33   8.9  110.1     100  14.6  105.3     167  14.2  106.5
 34   8.4  108.3     101  14.5  107.4     168  13.5  104.5
 35   8.3  105.7     102  14.5  109.4     169  13.5  105.3
 36   8.5  103.9     103  14.6  110.8     170  13.7  107.8
 37   8.5  104.3     104  14.9  113.2     171  13.7  109.0
 38   8.7  108.8     105  14.9  112.3     172  13.3  107.6
 39   9.2  114.3     106  14.7  109.8     173  13.1  107.8
 40   9.6  117.4     107  14.6  108.9     174  13.4  110.2
 41   9.7  118.6     108  14.6  109.4     175  14.1  112.2
 42   9.9  116.3     109  14.7  110.4     176  14.2  111.2
 43  10.4  115.2     110  14.8  113.4     177  14.1  108.9
 44  11.3  115.7     111  14.7  117.5     178  14.2  107.3
 45  12.1  113.7     112  14.5  115.6     179  14 3  106.3
 46  12.4  106.3     113  14.4  113.9     180  14.1  105.0
 47  12.6  102.0     114  14.6  113.1     181  13.8  105.8
 48  11.6  104.3     115  14.7  111.0     182  13.5  107.6
 49  11.8  108.2     116  15.0  108.9     183  13.5  108.6
 50  12.4  114.0     117  15.8  108.6     184  13.2  108.2
 51  12.7  113.8     118  16.4  108.9     185  13.0  107.5
 52  12.4  111.1     119  16.0  107.5     186  12.9  108.4
 53  12.3  108.5     120  15.4  105.5     187  12.9  109.6
 54  12.4  109.2     121  14 8  103.4     188  12.9  110.6
 55  11.9  112.2     122  14.6  103.4     189  12.7  111.4
 56  11.5  113.4     123  14.6  105.3     190  12.4  111.9
 57  10.9  115.2     124  14.6  107.3     191  12.4  111.0
 58  11.5  112.6     125  14.6  108.9     192  12.4  109.6
 59  12.4  108.6     126  14.6  110.2     193  12.0  108.4
 60  12.5  106.3     127  14.6  110.4     194  11.7  107.3
 61  12.5  108.3     128  14.7  110.3     195  11 5  107.6
 62  12.7  111.6     129  14.9  109.7
 63  12.9  115.4     130  15.1  108.9
 64  12.9  116.0     131  15.3  107.8
 65  12.4  115.0     132  15.5  106.8
 66  12.0  114.0     133  15.5  106.3
```

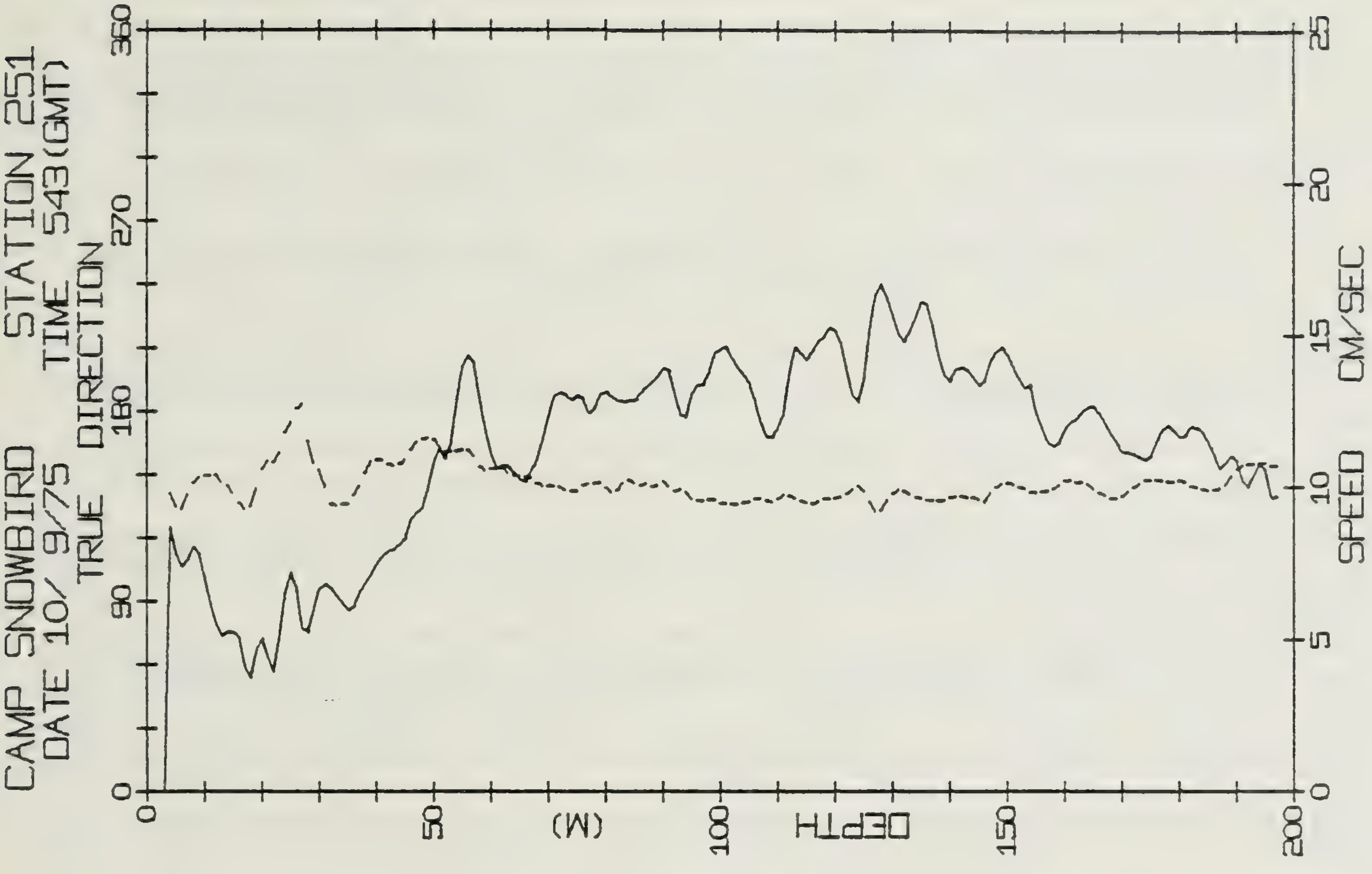

CAMP SNOWBIRD STATION 248
DATE 9/ 9/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 247
DATE 8/ 9/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 247     (194M.)       8/SEP/75     2244 GMT
LAT= 74.3442N  LONG= 142.6048W  LTER=     0.  LGER=     0.
NIVEL=  -3.7   EIVEL=  19.6     NVER=     0.  EVER=     0.

DPT    SPD   DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9      67    6.8   97.8      134    8.6  111.4
  1    0.0  999.9      68    6.9   98.0      135    8.6  110.2
  2    0.0  999.9      69    6.6   98.0      136    8.4  106.5
  3    0.0  999.9      70    6.2   97.9      137    8.3  103.2
  4   15.1  126.7      71    6.3   94.3      138    8.5  101.3
  5   14.7  132.1      72    7.1   91.4      139    8.6  102.3
  6   14.2  163.5      73    7.6   90.6      140    8.7  104.9
  7   15.0  164.6      74    6.6   94.4      141    8.3  106.6
  8   15.2  166.3      75    6.8  100.8      142    8.3  104.8
  9   14.6  162.4      76    7.9  105.4      143    8.3  101.5
 10   13.6  158.1      77    8.6  110.1      144    7.9   99.1
 11   13.9  158.6      78    8.9  108.2      145    7.9   98.2
 12   13.9  161.0      79    9.4  101.1      146    7.8   98.2
 13   13.1  167.9      80    9.5  102.5      147    8.0   98.7
 14   13.4  168.5      81   10.2  107.4      148    8.2   99.1
 15   12.7  173.2      82   10.6  111.2      149    8.3   98.5
 16   12.6  179.8      83   11.2  114.9      150    8.4   94.1
 17   12.5  186.3      84   11.0  112.9      151    8.2   92.2
 18   12.0  190.3      85   10.7  109.3      152    8.2   93.2
 19   11.6  192.4      86   10.5  109.3      153    8.6   91.2
 20   11.5  190.9      87   10.4  110.4      154    9.2   86.2
 21   11.3  188.1      88   10.1  110.3      155    9.9   83.0
 22    9.7  189.4      89    9.6  106.6      156   10.4   82.5
 23    8.8  189.0      90    9.3  105.6      157   10.6   82.7
 24    7.4  186.4      91    8.9  109.1      158   10.8   81.1
 25    3.9  186.2      92    9.0  116.2      159   11.3   78.4
 26    1.9  193.9      93    9.6  122.6      160   11.4   78.9
 27    1.8  175.4      94   10.2  128.8      161   10.8   79.8
 28    2.9  154.2      95   10.3  131.7      162   10.2   81.3
 29    4.0  146.2      96    8.8  130.5      163   10.1   82.8
 30    4.2  147.0      97    8.1  129.6      164   10.4   83.1
 31    3.9  147.1      98    7.8  130.3      165   10.9   82.7
 32    3.9  137.9      99    7.8  131.2      166   11.4   79.4
 33    3.8  129.8     100    7.7  131.5      167   12.1   76.6
 34    3.8  125.3     101    7.4  133.5      168   12.7   75.3
 35    3.5  121.0     102    6.9  136.4      169   12.8   75.8
 36    3.0  120.3     103    6.2  136.3      170   12.5   76.7
 37    2.8  127.8     104    6.0  133.7      171   12.1   76.6
 38    3.5  129.5     105    5.5  136.3      172   11.4   75.4
 39    3.9  125.6     106    5.2  137.7      173   10.4   75.8
 40    3.7  121.8     107    4.5  134.2      174    9.6   78.3
 41    3.4  116.3     108    3.9  125.2      175    8.9   77.2
 42    3.6  108.7     109    3.7  110.0      176    8.5   73.7
 43    3.6  105.5     110    4.0  101.1      177    8.0   73.1
 44    3.6  103.6     111    4.1   96.0      178    7.2   78.1
 45    3.3  103.7     112    4.2   94.8      179    6.9   82.1
 46    3.1  103.6     113    4.3   86.2      180    6.8   85.9
 47    3.8  104.4     114    4.9   80.0      181    7.0   89.4
 48    4.2  105.5     115    5.8   72.9      182    7.2   92.7
 49    3.7  107.7     116    6.4   68.6      183    7.4   95.7
 50    3.7  114.2     117    7.1   69.6      184    7.7   97.2
 51    4.2  124.1     118    7.6   75.1      185    7.9   98.0
 52    5.0  131.6     119    7.8   79.8      186    8.0   98.2
 53    4.7  128.3     120    8.1   83.5      187    8.0   98.9
 54    4.2  119.8     121    8.2   88.9      188    7.9  102.4
 55    3.9  113.8     122    8.4   96.0      189    7.9  104.3
 56    4.1  112.1     123    8.5   99.4      190    7.9  104.5
 57    4.6  115.4     124    8.9  102.4      191    8.2  104.3
 58    4.9  122.9     125    9.5  103.9      192    8.4  104.2
 59    5.0  127.2     126    9.8  101.5      193    8.7  103.9
 60    4.7  113.3     127    9.9   98.5      194    8.9  101.3
 61    5.0  101.9     128    9.7   95.6
 62    5.6   97.1     129    9.2   95.8
 63    6.2   96.9     130    8.5   97.6
 64    6.2   96.8     131    8.2  101.3
 65    6.2   97.0     132    8.2  106.6
 66    6.6   97.5     133    8.4  110.6
```

```
SNOWBIRD STATION 248     (186M.)       9/SEP/75      544 GMT
LAT= 74.3500N  LONG= 142.4731W  LTER=     1.  LGER=     1.
NIVEL=   3.5   EIVEL=  23.3     NVER=     0.  EVER=     0.

DPT    SPD   DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9      67    5.7  106.2      134    8.9   73.5
  1    0.0  999.9      68    5.3  105.4      135    9.4   73.8
  2    0.0  999.9      69    5.0  107.3      136    9.6   75.1
  3    0.0  999.9      70    4.7  111.5      137    9.6   74.6
  4   17.8   94.3      71    4.4  115.5      138    9.9   73.7
  5   16.1   93.0      72    4.4  115.3      139   10.0   72.5
  6   15.6   94.7      73    4.3  111.7      140    9.7   71.0
  7   15.5   94.9      74    4.2  107.9      141    9.9   69.4
  8   15.3   94.7      75    4.3  106.0      142    9.7   68.0
  9   14.8   93.9      76    4.4  105.2      143    9.2   67.8
 10   14.4   94.0      77    5.1  100.8      144    8.6   66.2
 11   14.1   94.0      78    5.6   93.0      145    8.3   63.0
 12   14.0   95.0      79    6.0   85.6      146    8.3   59.7
 13   13.8   96.9      80    5.9   80.6      147    8.1   59.3
 14   13.5   99.6      81    5.9   79.7      148    8.2   59.6
 15   12.6  102.0      82    5.5   84.0      149    8.2   59.8
 16   11.5  101.0      83    5.8   86.8      150    8.2   60.3
 17   11.2   99.0      84    6.0   87.9      151    8.0   62.3
 18   11.3   96.3      85    6.0   87.8      152    8.3   61.6
 19   11.5   95.1      86    5.9   88.0      153    8.4   63.2
 20   11.3   93.6      87    5.5   88.2      154    8.4   65.7
 21   10.8   93.3      88    5.3   91.3      155    8.4   67.1
 22   10.4   89.1      89    6.0   99.6      156    8.5   65.8
 23   10.7   82.3      90    6.9  100.5      157    8.4   66.1
 24   10.2   79.4      91    6.7   94.9      158    8.3   67.0
 25    8.7   78.4      92    6.5   92.2      159    7.9   66.7
 26    7.1   80.7      93    6.8   92.2      160    7.6   66.3
 27    6.0   87.7      94    7.3   92.1      161    7.9   67.6
 28    5.1   91.0      95    7.8   91.2      162    8.3   68.0
 29    4.2   85.3      96    7.9   86.8      163    8.7   65.8
 30    3.5   78.6      97    8.1   81.3      164    9.1   59.9
 31    3.2   93.8      98    8.4   78.4      165    9.6   54.1
 32    2.9  102.1      99    8.2   77.5      166    9.9   51.5
 33    2.4  101.6     100    7.9   76.8      167    9.7   51.5
 34    1.8   78.0     101    7.8   76.7      168    9.1   52.9
 35    1.7   55.0     102    8.0   76.1      169    8.7   54.6
 36    1.3   82.8     103    8.1   75.3      170    8.5   55.0
 37    1.8  117.3     104    7.9   73.8      171    8.3   52.5
 38    2.4  126.6     105    7.7   72.8      172    8.4   50.7
 39    3.0  127.9     106    7.8   73.6      173    9.4   46.5
 40    3.1  127.3     107    8.1   74.7      174    9.9   46.4
 41    3.1  124.7     108    8.6   75.6      175    8.9   52.0
 42    3.5  126.3     109    9.1   77.0      176    7.6   59.2
 43    3.6  123.7     110    7.6   78.3      177    7.1   62.4
 44    3.6  122.0     111   10.2   79.8      178    7.2   63.0
 45    3.9  118.1     112   10.1   81.4      179    7.3   66.6
 46    4.3  114.4     113    9.6   82.3      180    7.5   71.0
 47    4.3  109.0     114    9.5   81.7      181    7.4   74.3
 48    4.3  104.5     115    9.6   81.4      182    7.9   75.5
 49    4.2  102.4     116    9.7   83.2      183    8.6   75.2
 50    4.6  107.5     117    9.5   86.8      184    8.9   74.8
 51    5.0  110.7     118    9.3   88.2      185    9.2   77.4
 52    4.9  109.2     119    8.9   87.8      186    9.5   73.8
 53    4.3  105.4     120    8.6   85.9
 54    3.7   96.0     121    8.2   83.0
 55    4.2   96.2     122    8.1   79.2
 56    4.3  104.7     123    8.3   74.8
 57    3.6   98.2     124    8.4   72.2
 58    3.6   94.4     125    8.2   71.5
 59    4.5  106.3     126    8.3   71.4
 60    5.4  117.7     127    8.2   71.4
 61    5.5  115.9     128    8.5   70.2
 62    5.9  109.7     129    8.7   68.1
 63    6.5  110.6     130    8.7   67.0
 64    6.8  110.6     131    8.8   67.7
 65    6.6  109.5     132    8.7   70.4
 66    6.2  107.7     133    8.5   72.5
```

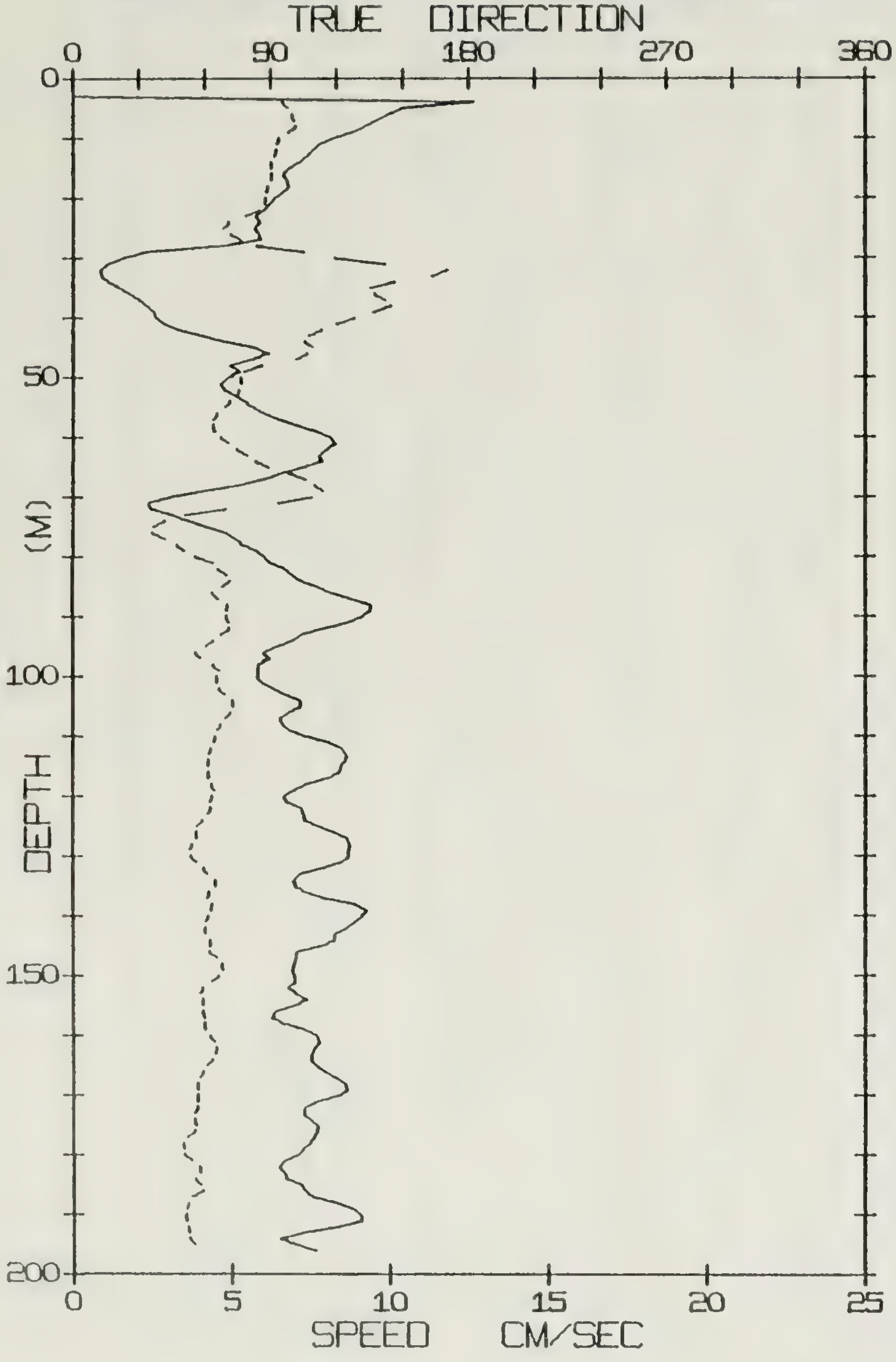

CAMP SNOWBIRD STATION 250
DATE 9/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 251
DATE 10/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

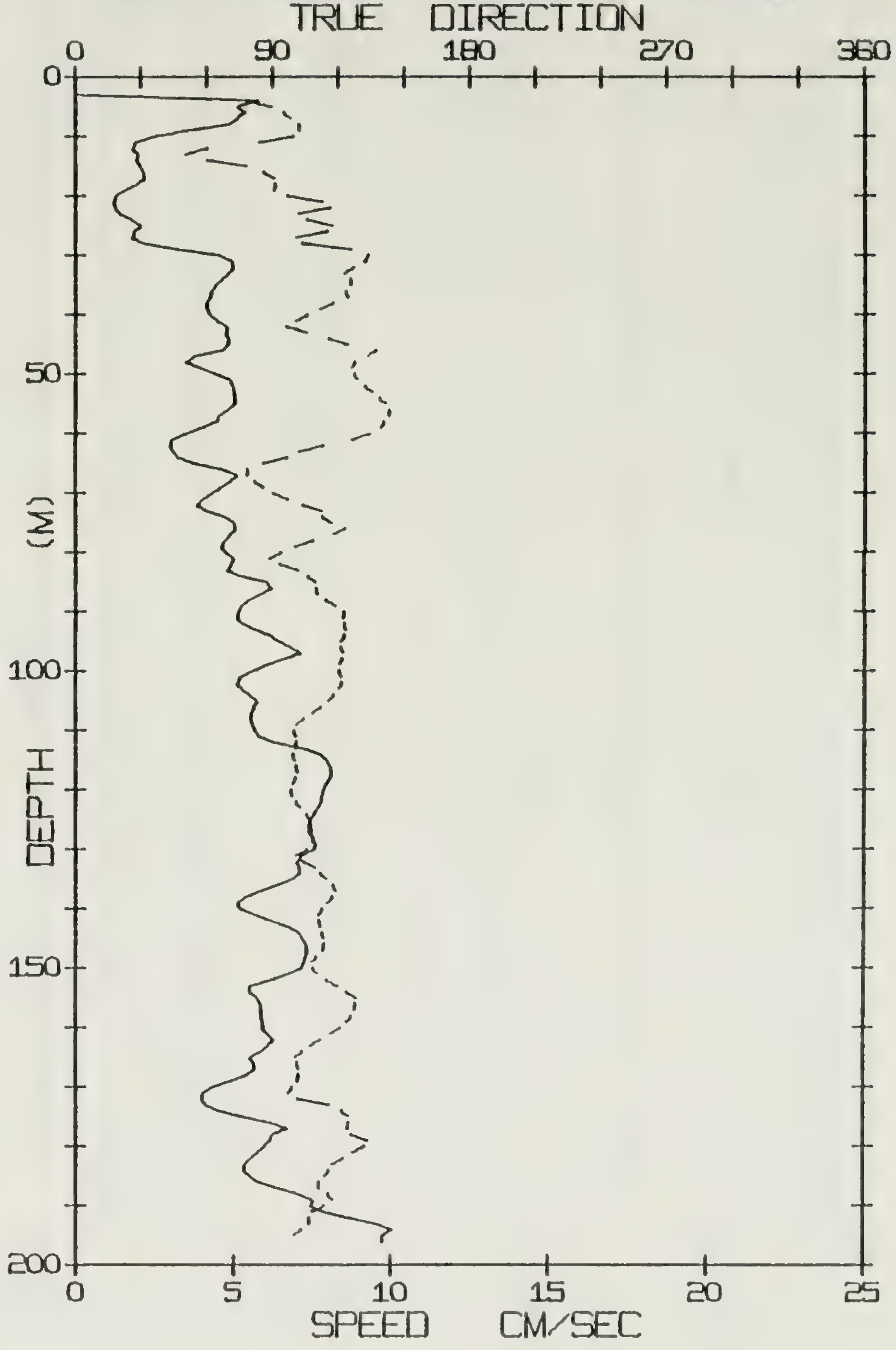
```
SNOWBIRD STATION 250     (196M.)      9/SEP/75      2243 GMT
LAT= 74.3368N  LONG= 142.0825W  LTER=     1   LGER=     1.
NIVEL=  -6.7   EIVEL=  19.3     NVER=    0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    8.6   113.3      134   13.3   102.7
  1    0.0   999.9       68    8.7   102.7      135   13.4   104.0
  2    0.0   999.9       69    9.1    99.7      136   13.6   103.2
  3    0.0   999.9       70    9.5   100.7      137   13.5   101.1
  4   17.5   136.5       71   10.0   103.6      138   13.5    98.6
  5   17.8   138.6       72   10.3   107.9      139   13.3    96.5
  6   17.9   137.2       73   10.0   109.5      140   13.3    96.2
  7   17.5   137.7       74    9.8   109.5      141   13.3    96.4
  8   17.5   139.7       75    9.9   111.4      142   13.3    96.8
  9   17.9   140.6       76    9.9   116.1      143   13.4    98.2
 10   18.0   141.8       77   10.9   116.2      144   12.8    97.9
 11   17.4   144.4       78   10.9   112.8      145   12.3    97.4
 12   16.7   147.1       79   10.6   106.7      146   12.4    97.3
 13   16.3   147.6       80   11.1   103.7      147   12.5    97.2
 14   16.2   147.6       81   11.6   101.8      148   12.6    97.3
 15   15.9   147.1       82   11.9   101.5      149   12.7    97.4
 16   15.8   146.5       83   12.3   101.4      150   12.6    98.9
 17   15.7   149.0       84   12.2   101.5      151   12.6    98.7
 18   14.8   149.8       85   12.0   101.6      152   12.7    98.0
 19   13.5   147.8       86   11.8   101.7      153   12.7    98.1
 20   12.7   148.9       87   12.0   100.8      154   12.7    98.3
 21   12.1   150.4       88   12.2    99.3      155   12.7    98.2
 22   11.4   150.9       89   12.5    99.6      156   12.8    98.5
 23   11.0   153.7       90   12.8   101.1      157   13.2    99.5
 24    9.9   155.3       91   12.8   102.2      158   13.0    99.0
 25    8.1   146.0       92   12.6   102.8      159   13.0    99.0
 26    7.2   131.8       93   12.6   103.6      160   13.2    98.6
 27    7.3   122.2       94   13.0   104.0      161   13.5    98.7
 28    7.1   114.0       95   13.2   104.1      162   13.6    99.4
 29    6.8   109.8       96   13.1   103.6      163   13.4   100.8
 30    6.4   106.4       97   13.3   103.7      164   12.9   101.8
 31    6.3   104.6       98   13.5   103.3      165   12.6   102.3
 32    6.4   103.5       99   14.1   103.9      166   12.3   104.0
 33    6.7   104.2      100   14.0   104.9      167   12.5   104.1
 34    7.0   100.8      101   13.7   105.7      168   12.4   101.2
 35    7.9    92.4      102   13.6   105.6      169   12.6    97.0
 36    8.1    89.4      103   13.5   105.3      170   12.9    95.1
 37    8.0    90.5      104   13.3   104.5      171   12.8    94.1
 38    7.3    94.4      105   13.3   103.8      172   12.7    93.6
 39    6.5   100.2      106   13.4   103.5      173   12.7    94.0
 40    6.1   106.5      107   13.5   103.0      174   13.0    95.0
 41    6.0   108.0      108   13.8   101.5      175   12.8    94.5
 42    5.9   107.4      109   13.2   102.7      176   12.7    94.5
 43    6.0   106.6      110   12.9   108.4      177   12.2    94.5
 44    6.2   105.8      111   13.4   109.9      178   11.2    93.8
 45    6.4   104.7      112   13.9   107.5      179   10.9    95.3
 46    6.1   105.0      113   14.1   103.0      180   10.8    94.7
 47    6.2   105.6      114   14.3   101.0      181   10.8    93.0
 48    6.1   106.5      115   14.1   103.2      182   10.8    91.6
 49    6.0   110.3      116   13.8   106.9      183   11.0    91.7
 50    6.0   116.8      117   14.1   107.4      184   11.4    93.1
 51    6.4   123.0      118   13.8   107.4      185   11.7    93.8
 52    6.8   124.4      119   13.2   109.6      186   12.0    94.0
 53    7.2   125.3      120   13.0   112.6      187   12.1    93.0
 54    7.3   127.9      121   13.0   111.6      188   12.4    91.7
 55    7.4   128.5      122   13.1   108.3      189   12.8    90.7
 56    7.8   127.8      123   13.2   106.8      190   12.8    90.8
 57    8.4   125.2      124   13.3   106.5      191   12.9    91.3
 58    8.9   123.1      125   13.1   106.0      192   12.6    90.0
 59    8.7   124.3      126   12.8   105.5      193   12.7    90.4
 60    8.3   126.8      127   12.7   100.9      194   12.7    90.3
 61    8.3   130.9      128   13.4    97.6      195   12.7    90.6
 62    8.5   134.9      129   13.6    98.9      196   12.7    90.4
 63    8.7   136.5      130   13.0   100.9
 64    9.5   136.9      131   12.8   102.4
 65   10.5   135.6      132   13.3   102.0
 66    9.5   128.5      133   13.4   102.1
```

```
SNOWBIRD STATION 251     (197M.)     10/SEP/75       543 GMT
LAT= 74.3254N  LONG= 141.9739W  LTER=   310.  LGER=   406.
NIVEL=  -5.0   EIVEL=  12.0     NVER=    4.   EVER=     4.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   10.6   148.3      134   15.6   139.2
  1    0.0   999.9       68   10.9   146.0      135   16.1   138.5
  2    0.0   999.9       69   11.6   144.4      136   16.0   137.8
  3    0.0   999.9       70   12.3   144.6      137   15.3   137.8
  4    8.7   141.0       71   13.0   144.2      138   14.4   137.7
  5    7.8   134.9       72   13.1   143.8      139   13.7   138.1
  6    7.4   133.7       73   13.0   142.7      140   13.5   139.4
  7    7.6   140.1       74   12.9   142.0      141   13.9   140.1
  8    8.0   146.1       75   13.0   142.3      142   13.9   139.6
  9    7.8   148.5       76   12.9   144.9      143   13.8   139.1
 10    7.0   149.4       77   12.4   146.0      144   13.6   139.4
 11    6.2   149.7       78   12.6   145.9      145   13.4   138.2
 12    5.5   150.0       79   13.0   146.4      146   13.5   137.1
 13    5.1   146.2       80   13.1   144.0      147   14.1   141.2
 14    5.3   144.6       81   13.0   141.6      148   14.5   144.1
 15    5.2   140.9       82   12.8   142.6      149   14.6   145.8
 16    5.1   136.5       83   12.8   146.0      150   14.4   146.2
 17    4.1   133.9       84   12.8   147.4      151   13.9   145.3
 18    3.7   135.0       85   12.8   145.9      152   13.6   144.1
 19    4.6   143.3       86   13.1   145.0      153   13.3   143.2
 20    5.0   152.7       87   13.3   145.8      154   13.4   141.8
 21    4.4   156.5       88   13.4   144.3      155   12.5   141.6
 22    3.9   156.0       89   13.6   145.2      156   12.0   142.1
 23    5.1   160.2       90   13.9   146.7      157   11.5   142.6
 24    6.5   169.9       91   13.8   144.5      158   11.3   143.5
 25    7.2   174.3       92   13.1   142.5      159   11.5   145.4
 26    6.7   181.3       93   12.4   143.1      160   11.9   147.3
 27    5.4   183.4       94   12.3   141.5      161   12.1   147.5
 28    5.2   166.0       95   13.0   138.4      162   12.3   146.4
 29    6.0   155.6       96   13.3   137.8      163   12.5   146.6
 30    6.7   152.1       97   13.4   138.0      164   12.6   145.3
 31    6.8   144.5       98   13.8   138.4      165   12.7   143.3
 32    6.7   136.2       99   14.4   137.9      166   12.5   141.6
 33    6.4   135.2      100   14.5   136.3      167   12.1   140.2
 34    6.2   136.1      101   14.6   136.2      168   11.8   138.8
 35    6.0   136.2      102   14.2   135.6      169   11.5   138.5
 36    6.1   140.1      103   13.9   136.0      170   11.2   139.9
 37    6.5   144.4      104   13.7   136.7      171   11.1   142.0
 38    6.8   151.0      105   13.4   137.4      172   11.1   144.0
 39    7.1   156.0      106   12.9   138.6      173   11.0   145.9
 40    7.5   157.0      107   12.2   139.1      174   10.9   147.4
 41    7.7   156.8      108   11.7   137.8      175   11.0   147.8
 42    7.9   155.0      109   11.6   136.7      176   11.5   147.4
 43    8.0   154.2      110   11.9   138.5      177   11.9   147.1
 44    8.1   155.2      111   12.4   140.4      178   12.0   146.6
 45    8.3   157.1      112   13.7   139.9      179   11.9   146.9
 46    8.9   161.8      113   14.6   138.7      180   11.7   147.4
 47    9.2   165.3      114   14.4   137.6      181   11.7   146.5
 48    9.3   166.8      115   14.2   136.6      182   12.0   144.7
 49   10.0   167.6      116   14.5   136.0      183   11.9   143.8
 50   10.8   166.6      117   14.8   137.4      184   11.8   143.0
 51   11.3   163.5      118   15.0   138.5      185   11.5   142.4
 52   10.9   160.8      119   15.2   138.5      186   11.1   143.0
 53   11.4   161.1      120   15.2   138.9      187   10.6   143.7
 54   12.8   161.5      121   14.7   140.0      188   10.8   145.4
 55   14.0   161.9      122   13.8   141.2      189   11.0   149.2
 56   14.3   161.5      123   13.1   143.1      190   10.9   152.8
 57   14.1   158.8      124   12.8   144.6      191   10.3   154.7
 58   12.9   153.8      125   13.5   142.3      192   10.0   155.6
 59   11.9   152.1      126   15.2   137.4      193   10.4   155.6
 60   11.1   153.0      127   16.3   132.7      194   10.8   155.9
 61   10.6   153.5      128   16.7   133.5      195   10.6   156.2
 62   10.7   153.2      129   16.3   138.0      196    9.7   154.5
 63   10.7   151.0      130   15.7   141.0      197    9.7   154.5
 64   10.5   149.5      131   15.1   142.8
 65   10.3   149.0      132   14.8   142.2
 66   10.2   148.6      133   15.1   140.6
```

CAMP SNOWBIRD STATION 252
DATE 10/ 9/75 TIME 2253(GMT)

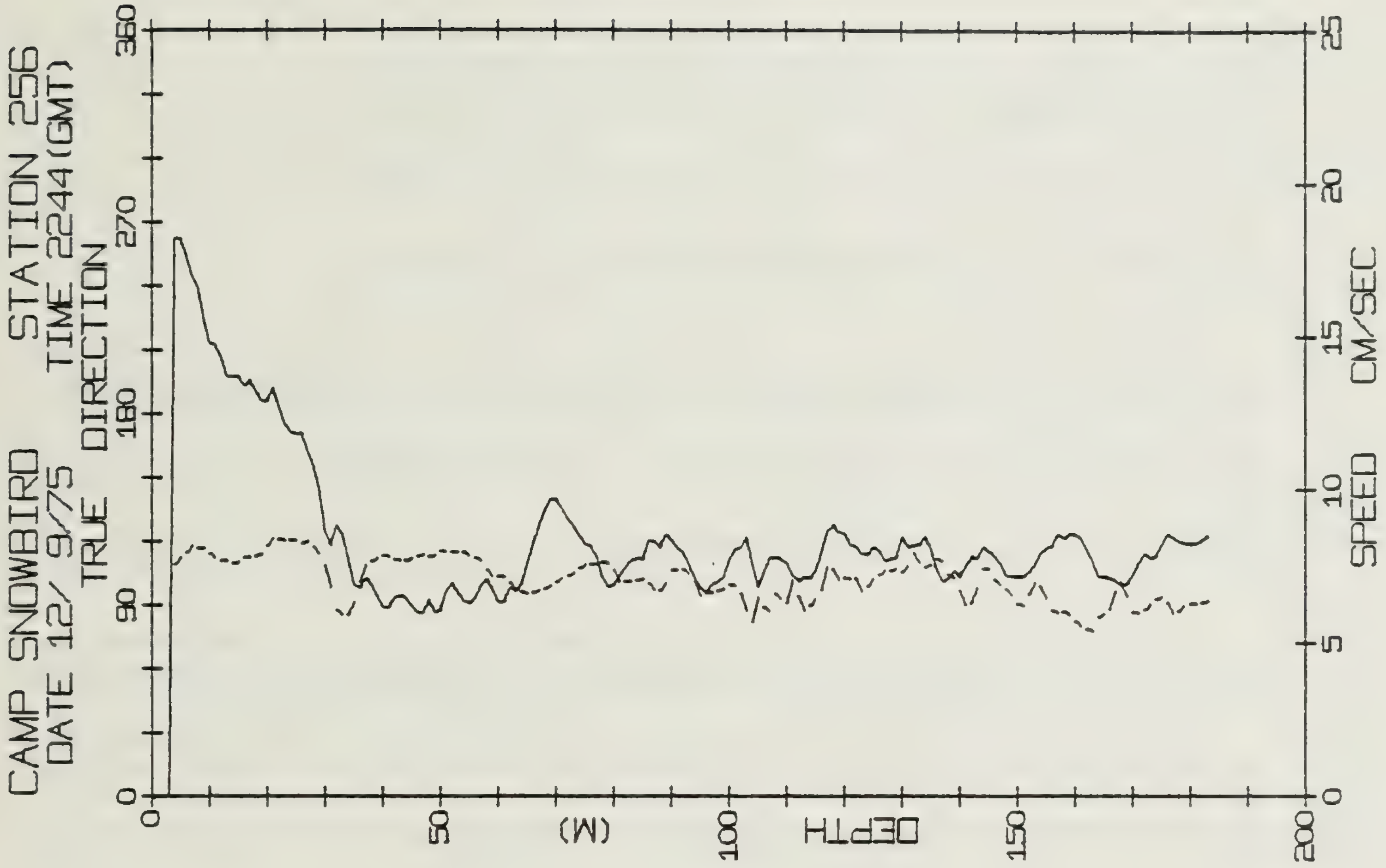


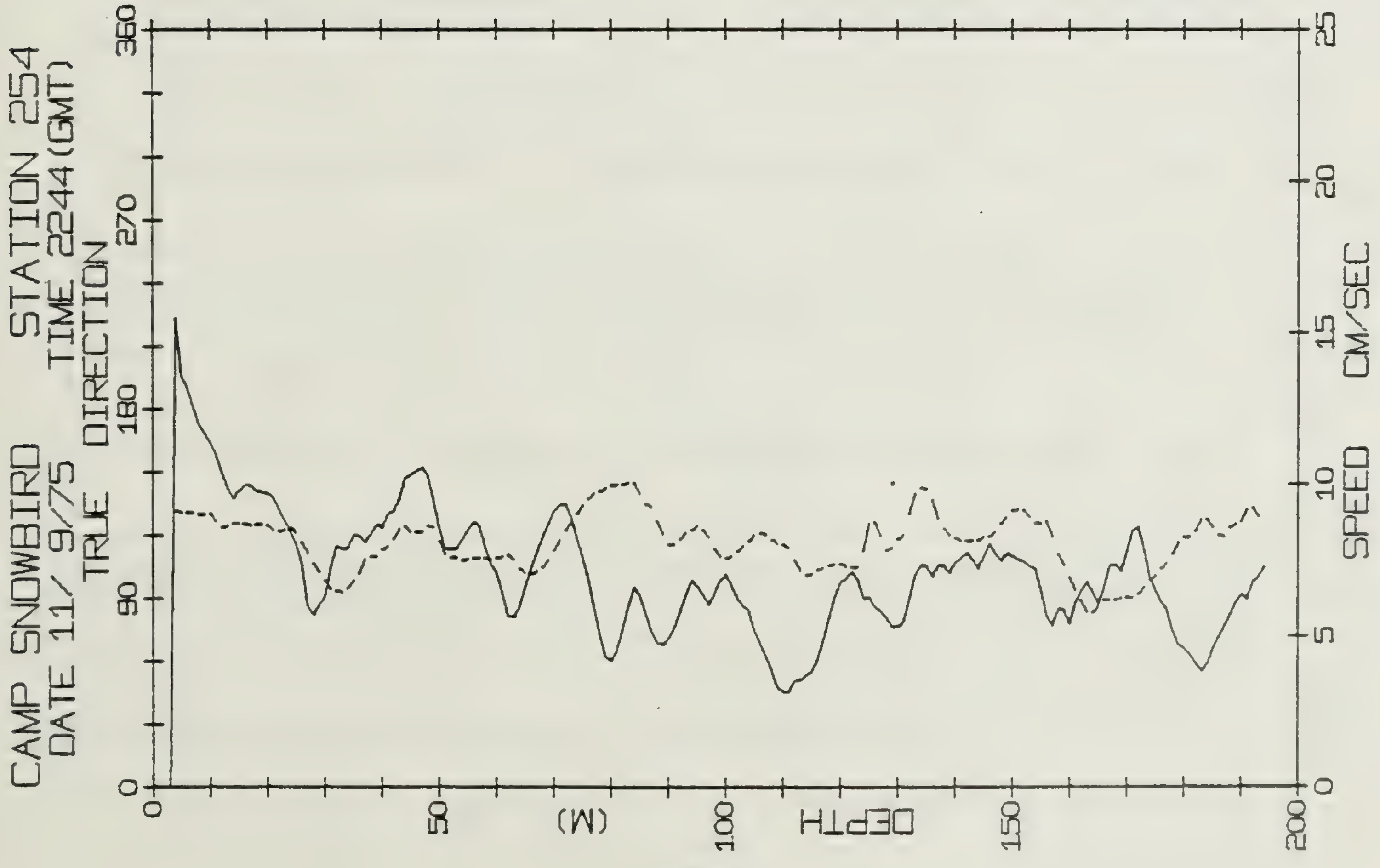
CAMP SNOWBIRD STATION 253
DATE 11/ 9/75 TIME 543(GMT)



```
SNOWBIRD STATION 252     (196M.)      10/SEP/75      2253 GMT
LAT= 74.3057N  LONG= 141.7272W  LTER=  330   LGER=  430.
NIVEL=   3.1   EIVEL=  12.9     NVER=    4.  EVER=    4.

DPT    SPD   DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9       67    6.1  105.7       134    7.0   64.8
  1    0.0  999.9       68    5.3  110.1       135    7.0   64.5
  2    0.0  999.9       69    4.1  113.7       136    7.3   62.0
  3    0.0  999.9       70    3.1  108.7       137    7.9   61.0
  4   12.7   95.5       71    2.4   93.4       138    8.9   63.0
  5   10.4   97.6       72    2.5   69.6       139    9.3   62.8
  6   10.0   99.4       73    3.1   51.4      .140    9.1   61.5
  7    9.6  100.8       74    3.6   41.6       141    8.9   60.2
  8    9.2  101.1       75    4.2   36.6       142    8.6   59.9
  9    8.8   97.9       76    4.8   36.1       143    8.3   60.5
 10    8.2   93.6       77    5.1   41.5       144    8.2   62.2
 11    7.8   92.6       78    5.4   47.1       145    7.9   62.6
 12    7.6   92.3       79    5.8   50.5       146    7.1   62.0
 13    7.4   91.4       80    6.1   55.9       147    7.0   65.4
 14    7.1   90.3       81    6.2   63.8       148    7.0   67.7
 15    6.8   89.9       82    6.7   66.0       149    6.9   68.4
 16    6.6   90.5       83    6.9   69.7       150    7.0   66.1
 17    6.8   89.7       84    7.2   71.2       151    7.0   63.3
 18    6.8   88.5       85    7.7   68.0       152    6.8   59.2
 19    6.6   87.7       86    8.1   63.5       153    7.0   57.7
 20    6.4   87.2       87    8.7   66.0       154    7.4   59.1
 21    6.2   87.1       88    9.4   70.0       155    7.0   59.3
 22    6.0   84.8       89    9.4   69.5       156    6.4   59.2
 23    5.8   78.5       90    9.1   69.8       157    6.3   60.0
 24    5.9   70.9       91    8.6   70.8       158    6.6   59.9
 25    5.7   68.5       92    7.9   71.0       159    7.3   60.6
 26    5.9   71.6       93    7.2   67.3       160    7.7   62.3
 27    5.9   76.8       94    6.9   63.8       161    7.8   64.2
 28    4.7   83.6       95    6.5   60.6       162    7.6   65.2
 29    2.3  105.0       96    6.0   55.9       163    7.5   64.6
 30    1.6  118.9       97    6.2   58.4       164    7.5   63.2
 31    1.1  141.7       98    5.9   63.7       165    7.7   61.1
 32    0.9  170.1       99    5.8   66.0       166    7.9   59.1
 33    0.9  163.8      100    5.8   65.4       167    8.3   57.6
 34    1.1  146.0      101    6.0   65.2       168    8.6   56.7
 35    1.5  135.6      102    6.3   66.3       169    8.7   56.6
 36    1.8  137.3      103    6.7   69.2       170    8.4   56.8
 37    2.1  141.7      104    7.2   72.5       171    7.8   56.5
 38    2.4  144.5      105    7.2   73.2       172    7.3   56.4
 39    2.5  136.7      106    6.8   71.5       173    7.3   55.1
 40    2.7  128.1      107    6.6   69.4       174    7.5   55.3
 41    2.9  120.0      108    6.6   67.1       175    7.7   56.0
 42    3.3  113.2      109    6.8   65.4       176    7.7   55.0
 43    4.0  107.9      110    7.3   64.6       177    7.6   52.3
 44    4.8  105.9      111    8.1   63.9       178    7.5   50.2
 45    5.7  109.2      112    8.5   62.8       179    7.3   50.7
 46    6.2  106.7      113    8.6   61.7       180    7.1   50.9
 47    5.7  101.5      114    8.6   61.4       181    6.7   54.4
 48    5.0   85.9      115    8.4   61.1       182    6.5   57.5
 49    5.3   78.3      116    8.4   61.6       183    6.7   57.6
 50    4.9   76.8      117    8.1   61.5       184    6.7   55.8
 51    4.7   76.7      118    7.4   63.0       185    7.2   57.7
 52    4.8   75.7      119    7.0   64.4       186    7.4   59.0
 53    5.1   74.1      120    6.7   63.1       187    7.6   54.3
 54    5.5   71.4      121    6.8   62.2       188    8.3   52.4
 55    5.7   69.0      122    7.2   62.5       189    8.8   51.5
 56    6.0   65.6      123    7.3   61.1       190    9.1   51.3
 57    6.5   63.8      124    7.3   58.9       191    9.1   51.7
 58    7.0   64.0      125    7.7   56.4       192    8.4   52.3
 59    7.7   64.5      126    8.2   56.0       193    7.3   53.1
 60    8.1   67.4      127    8.6   56.4       194    6.5   53.4
 61    8.3   70.9      128    8.8   54.3       195    7.0   55.5
 62    8.0   74.6      129    8.7   52.8       196    7.7   55.1
 63    7.8   79.2      130    8.7   53.9
 64    7.9   83.2      131    8.5   56.2
 65    7.3   89.0      132    7.9   59.4
 66    6.6   98.2      133    7.2   61.2
```

```
SNOWBIRD STATION 253     (196M.)      11/SEP/75       543 GMT
LAT= 74.3214N  LONG= 141.6285W  LTER=   21   LGER=   43.
NIVEL=   7.6   EIVEL=   9.1     NVER=    0   EVER=    1.

DPT    SPD   DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9       67    5.1   78.2       134    7.1  112.0
  1    0.0  999.9       68    4.9   82.0       135    6.9  114.8
  2    0.0  999.9       69    4.6   85.8       136    6.4  117.8
  3    0.0  999.9       70    4.3   90.4       137    5.9  119.0
  4    5.8   78.0       71    4.0   96.7       138    5.4  117.6
  5    5.2   89.3       72    3.9  104.2       139    5.2  115.4
  6    5.3   95.2       73    4.1  112.4       140    5.3  113.0
  7    5.1   98.4       74    4.7  112.9       141    5.7  111.3
  8    4.9  102.2       75    5.0  117.0       142    6.2  111.6
  9    3.6  102.5       76    5.1  123.1       143    6.7  112.2
 10    2.5   99.6       77    4.9  117.8       144    7.1  112.9
 11    1.9   84.3       78    4.7  108.6       145    7.2  113.6
 12    1.8   60.4       79    4.6  100.6       146    7.3  113.6
 13    2.0   50.5       80    4.8   93.7       147    7.4  113.0
 14    2.0   60.3       81    5.0   89.1       148    7.3  110.2
 15    2.1   78.4       82    4.9   93.4       149    7.3  108.1
 16    2.2   86.0       83    4.8  101.6       150    7.2  108.6
 17    2.2   90.7       84    5.3  106.5       151    6.7  110.6
 18    2.0   91.2       85    6.1  109.5       152    6.2  114.7
 19    1.6   90.6       86    6.2  110.3       153    5.6  119.6
 20    1.3   97.0       87    5.9  111.0       154    5.6  124.0
 21    1.2  112.7       88    5.5  114.6       155    5.8  127.9
 22    1.3  116.2       89    5.3  119.1       156    5.9  127.8
 23    1.4  102.3       90    5.2  122.6       157    5.9  127.1
 24    1.8  105.9       91    5.1  122.5       158    5.9  126.0
 25    2.1  117.2       92    5.3  123.1       159    6.0  124.3
 26    1.9  115.1       93    5.7  123.8       160    5.9  121.0
 27    1.8  101.0       94    6.2  122.8       161    6.1  116.7
 28    2.2  103.8       95    6.4  121.3       162    6.3  112.1
 29    3.2  126.0       96    6.8  121.5       163    6.1  107.7
 30    4.6  133.9       97    7.2  122.6       164    5.9  103.7
 31    5.0  132.3       98    6.6  121.7       165    5.6  100.8
 32    5.0  127.1       99    6.0  120.1       166    5.6  101.6
 33    4.9  123.1      100    5.6  120.6       167    5.7  102.1
 34    4.7  125.6      101    5.2  121.8       168    5.4  101.8
 35    4.5  125.4      102    5.1  121.8       169    4.9  101.4
 36    4.3  123.8      103    5.3  120.2       170    4.3   99.1
 37    4.3  124.6      104    5.5  118.1       171    4.0   97.2
 38    4.2  117.9      105    5.8  115.7       172    4.0  101.7
 39    4.2  112.1      106    5.7  112.3       173    4.1  115.6
 40    4.3  106.2      107    5.6  108.5       174    4.5  121.8
 41    4.5  101.0      108    5.6  104.4       175    5.3  124.8
 42    4.8   96.8      109    5.6  101.0       176    6.2  124.7
 43    4.8  105.9      110    5.7   99.7       177    6.7  124.3
 44    4.9  115.9      111    5.8  100.9       178    6.3  126.0
 45    4.8  124.2      112    6.3  101.3       179    6.2  133.6
 46    4.7  137.1      113    7.2  100.5       180    6.0  132.0
 47    3.8  133.8      114    7.8   99.5       181    5.8  127.0
 48    3.5  127.9      115    8.0  100.1       182    5.6  122.2
 49    4.0  125.8      116    8.1  101.0       183    5.4  117.7
 50    4.5  127.3      117    8.1  102.0       184    5.4  115.8
 51    4.9  129.3      118    8.1  100.4       185    5.5  114.1
 52    5.0  132.5      119    7.9   99.2       186    5.8  111.7
 53    5.0  135.7      120    7.9   98.6       187    6.4  111.2
 54    5.1  139.1      121    7.8   99.2       188    7.1  115.4
 55    5.0  142.0      122    7.8  100.9       189    7.5  117.4
 56    4.8  143.2      123    7.7  103.3       190    7.5  113.7
 57    4.6  143.4      124    7.6  105.8       191    7.8  108.8
 58    4.4  141.2      125    7.5  107.5       192    8.6  107.1
 59    4.0  139.6      126    7.4  108.0       193    9.5  107.0
 60    3.6  134.5      127    7.4  108.5       194   10.1  103.6
 61    3.1  126.5      128    7.5  108.9       195    9.7  100.0
 62    3.0  113.4      129    7.6  108.5       196    9.7  100.0
 63    3.1  102.3      130    7.6  106.0
 64    3.3   96.4      131    7.2  101.1
 65    3.8   85.9      132    7.1  103.9
 66    4.6   78.6      133    7.1  109.3
```

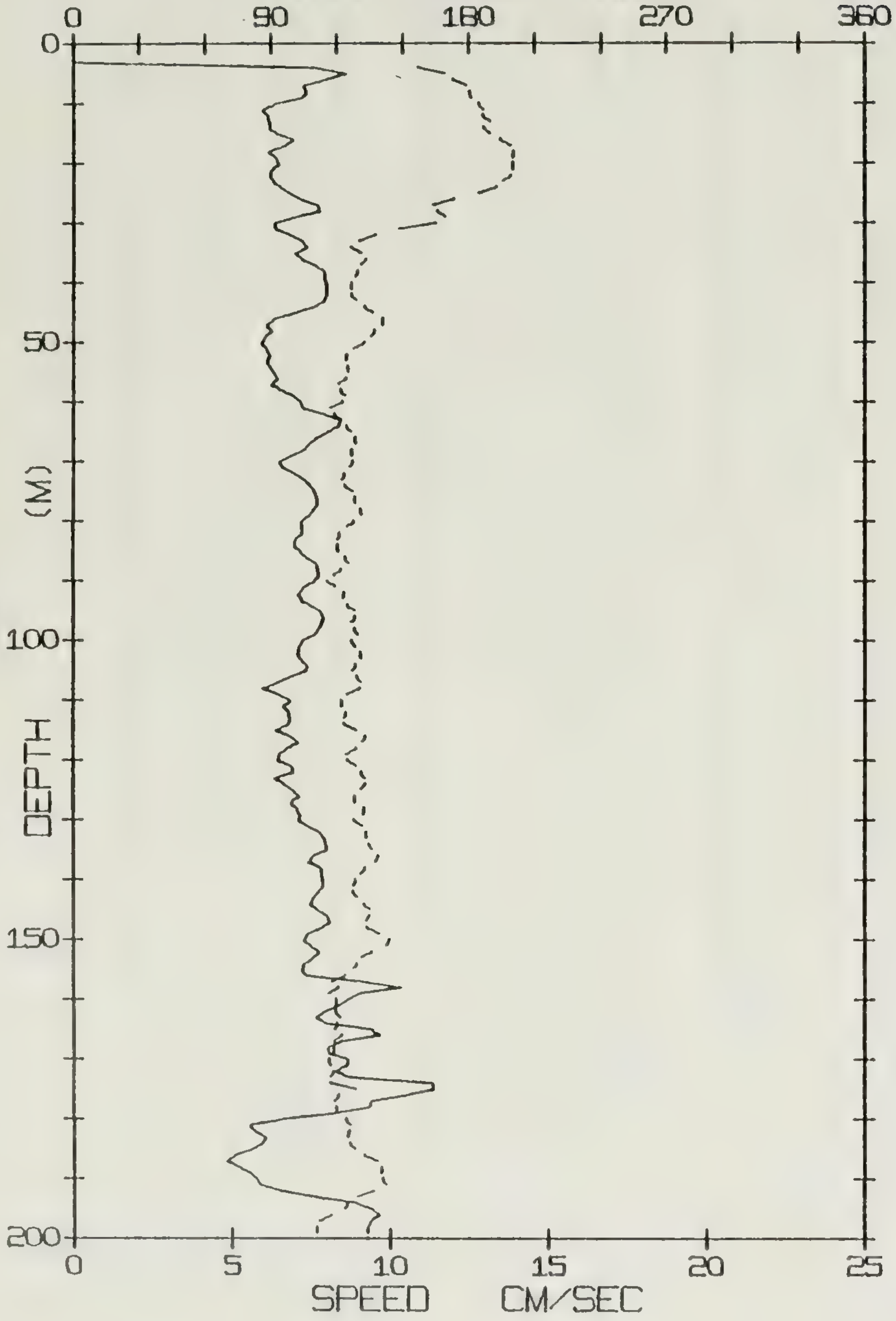

CAMP SNOWBIRD
STATION 256
DATE 12/ 9/75
TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 254
DATE 11/ 9/75
TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

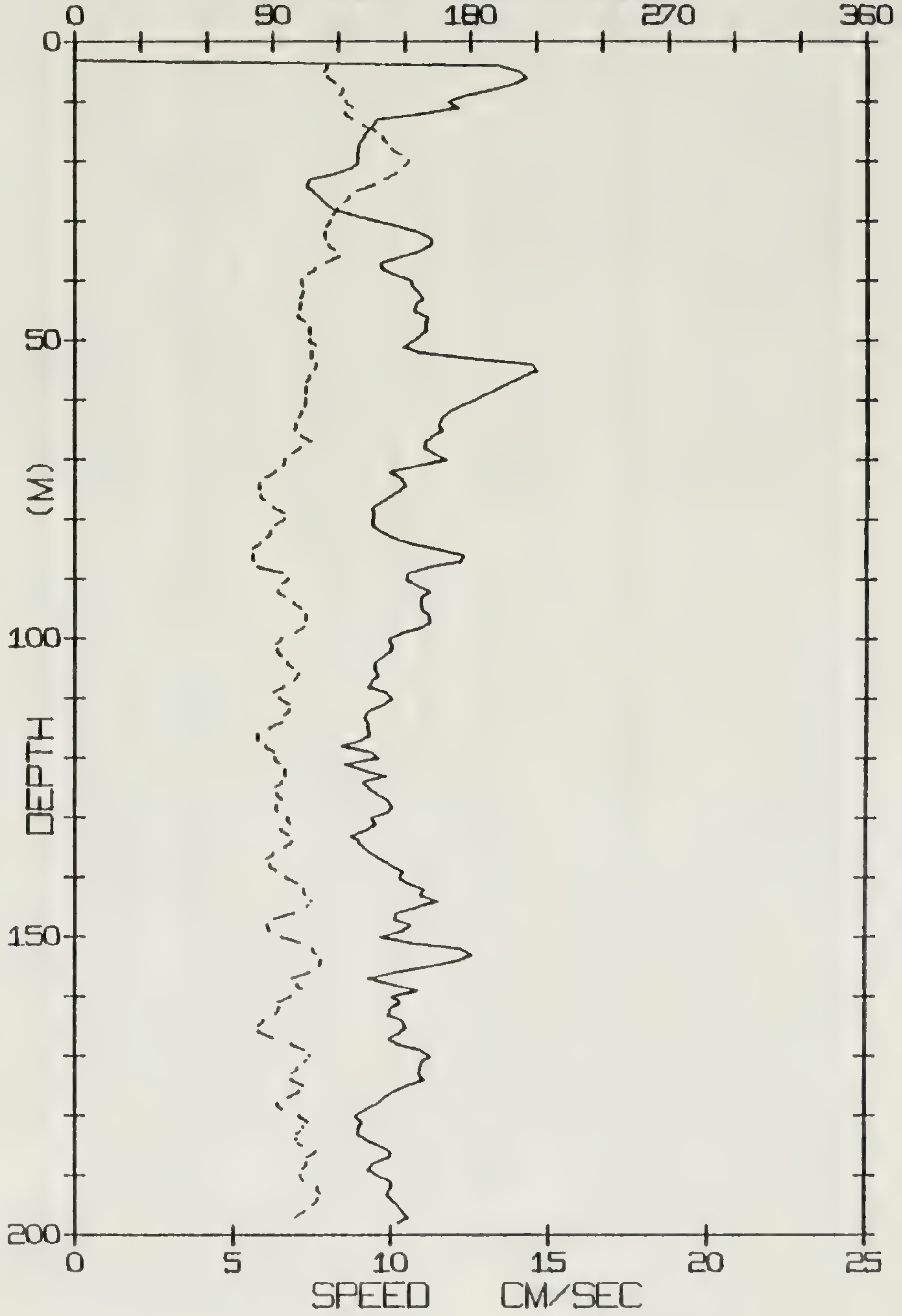
```
SNOWBIRD STATION 254     (194M.)      11/SEP/75      2244 GMT
LAT= 74.3277N  LONG= 141.3313W  LTER=     0.  LGER=     0.
NIVEL=  -6.2   EIVEL=  15.5     NVER=     0.  EVER=     0

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0  999.9        67   7.7  103.1       134   7.3  142.4
  1   0.0  999.9        68   8.2  104.9       135   7.3  141.7
  2   0.0  999.9        69   8.7  108.3       136   7.0  136.9
  3   0.0  999.9        70   9.1  112.6       137   7.3  128.6
  4  15.5  131.6        71   9.3  117.7       138   7.3  123.1
  5  13.6  130.6        72   9.4  122.1       139   7.1  120.4
  6  13.2  131.1        73   8.9  126.4       140   7.4  118.6
  7  12.6  131.2        74   8.2  130.3       141   7.6  117.3
  8  12.0  130.1        75   7.6  134.1       142   7.8  117.1
  9  11.7  129.8        76   6.9  137.6       143   7.6  117.7
 10  11.4  130.5        77   6.0  139.8       144   7.2  117.5
 11  11.0  126.7        78   5.1  140.8       145   7.6  119.2
 12  10.4  123.8        79   4.3  142.4       146   8.0  119.3
 13   9.9  124.3        80   4.2  143.5       147   7.7  121.8
 14   9.5  125.7        81   4.5  144.3       148   7.5  125.6
 15   9.8  125.5        82   5.2  144.2       149   7.7  128.7
 16  10.0  125.0        83   6.0  145.2       150   7.6  131.6
 17  10.0  124.5        84   6.6  144.7       151   7.5  132.6
 18   9.8  125.1        85   6.3  139.7       152   7.4  131.9
 19   9.7  125.9        86   5.8  135.0       153   7.3  128.8
 20   9.7  124.6        87   5.2  133.5       154   7.2  126.0
 21   9.6  122.1        88   4.8  126.9       155   6.5  125.4
 22   9.2  121.6        89   4.7  120.5       156   5.7  126.6
 23   8.8  122.8        90   4.9  115.6       157   5.3  119.5
 24   8.4  123.5        91   5.3  115.6       158   5.9  111.2
 25   8.0  121.4        92   5.8  118.1       159   5.8  105.9
 26   7.4  116.5        93   6.3  120.9       160   5.4   99.8
 27   6.0  111.7        94   6.8  122.5       161   6.1   93.8
 28   5.7  106.6        95   6.7  124.5       162   6.5   88.9
 29   6.0  102.9        96   6.4  122.3       163   6.8   83.8
 30   6.3   98.4        97   6.0  119.1       164   6.5   83.2
 31   7.2   94.5        98   6.4  113.6       165   6.0   86.0
 32   8.0   93.3        99   6.8  110.0       166   6.6   88.9
 33   7.9   92.8       100   7.0  109.2       167   7.3   88.8
 34   7.9   94.8       101   6.7  110.2       168   7.3   89.3
 35   8.3   98.3       102   6.3  112.3       169   7.1   90.2
 36   8.3  102.1       103   6.0  114.7       170   7.8   90.4
 37   8.1  108.4       104   5.8  117.2       171   8.5   90.2
 38   8.3  109.8       105   5.2  120.1       172   8.6   92.1
 39   8.7  110.3       106   4.8  121.1       173   7.9   94.9
 40   8.6  113.2       107   4.3  120.2       174   6.9   98.7
 41   9.0  114.7       108   3.9  117.9       175   6.5  100.5
 42   9.1  118.3       109   3.3  115.8       176   6.1  104.1
 43   9.5  122.5       110   3.2  115.5       177   5.8  106.6
 44  10.2  124.1       111   3.2  113.7       178   5.2  111.0
 45  10.3  121.5       112   3.5  108.0       179   4.7  116.1
 46  10.4  121.2       113   3.6  103.4       180   4.6  118.8
 47  10.6  121.9       114   3.7  101.1       181   4.4  118.9
 48  10.3  124.2       115   3.8  101.7       182   4.1  121.8
 49   9.5  123.6       116   4.2  103.4       183   3.8  127.3
 50   8.6  117.3       117   4.8  105.0       184   4.0  127.9
 51   7.9  111.1       118   5.6  105.7       185   4.5  123.7
 52   7.9  109.5       119   6.3  106.5       186   5.0  119.8
 53   7.9  109.2       120   6.7  106.4       187   5.3  119.0
 54   8.2  108.0       121   6.9  105.1       188   5.7  123.5
 55   8.5  108.9       122   7.1  104.6       189   6.1  125.1
 56   8.8  109.3       123   6.9  105.1       190   6.4  126.7
 57   8.6  109.4       124   6.3  112.5       191   6.2  132.0
 58   7.9  108.9       125   6.3  125.6       192   6.8  132.9
 59   7.4  108.2       126   6.0  126.4       193   7.0  129.1
 60   7.1  109.1       127   5.8  119.9       194   7.3  128.3
 61   6.4  109.9       128   5.6  112.9
 62   5.7  110.6       129   5.3  114.0
 63   5.6  108.3       130   5.3  118.1
 64   5.9  104.2       131   5.5  120.0
 65   6.6  101.8       132   6.2  130.2
 66   7.2  101.8       133   7.0  139.6
```

```
SNOWBIRD STATION 256     (183M.)      12/SEP/75      2244 GMT
LAT= 74.3503N  LONG= 140.8779W  LTER=     0.  LGER=     1.
NIVEL=  -1.8   EIVEL=  23.7     NVER=     0.  EVER=     0.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0  999.9        67   8.8   97.3       134   8.5  108.2
  1   0.0  999.9        68   9.3   98.0       135   8.1  109.2
  2   0.0  999.9        69   9.7   99.4       136   7.4  111.8
  3   0.0  999.9        70   9.7  101.1       137   7.0  110.4
  4  18.2  109.2        71   9.4  103.1       138   7.1  104.7
  5  18.2  112.0        72   9.1  103.8       139   7.4  103.1
  6  17.7  114.5        73   8.8  105.4       140   7.2   97.2
  7  17.0  117.5        74   8.5  107.4       141   7.5   90.0
  8  16.6  116.7        75   8.2  108.9       142   7.8   91.0
  9  15.6  117.0        76   8.1  109.3       143   7.8   98.0
 10  14.8  114.4        77   7.8  109.8       144   8.1  107.2
 11  14.7  112.0        78   7.2  110.4       145   8.0  107.7
 12  14.3  110.8        79   6.9  109.6       146   7.8  102.1
 13  13.7  110.8        80   6.9  106.8       147   7.6   99.7
 14  13.7  109.7        81   7.2  101.0       148   7.2   97.7
 15  13.7  110.3        82   7.5  101.2       149   7.2   94.9
 16  13.4  112.2        83   7.7  101.5       150   7.2   90.7
 17  13.6  112.7        84   7.8  102.0       151   7.2   89.6
 18  13.2  113.4        85   7.7  102.5       152   7.4   94.9
 19  12.9  114.1        86   8.3  100.3       153   7.6  100.6
 20  12.9  118.0        87   8.3   97.5       154   8.0   99.1
 21  13.3  121.0        88   8.1   96.7       155   8.1   93.7
 22  12.7  120.7        89   8.6  100.4       156   8.2   87.6
 23  12.2  120.2        90   8.4  106.4       157   8.6   86.5
 24  11.9  120.5        91   8.1  107.0       158   8.4   87.2
 25  11.8  120.5        92   8.0  107.1       159   8.6   85.6
 26  11.8  119.0        93   7.6  104.8       160   8.5   82.6
 27  11.3  120.0        94   7.1  101.3       161   8.4   80.4
 28  10.8  117.2        95   6.8   94.5       162   8.1   78.7
 29  10.0  114.1        96   6.7   96.1       163   7.7   77.8
 30   8.7  108.7        97   6.9   96.4       164   7.2   84.5
 31   8.2   98.5        98   7.0   97.1       165   7.2   86.0
 32   8.8   87.6        99   7.2   97.8       166   7.1   87.9
 33   8.6   85.2       100   7.7   99.6       167   7.0   96.7
 34   7.8   85.6       101   8.1   99.1       168   6.9  100.5
 35   6.9   91.2       102   8.1   95.5       169   7.0   94.1
 36   6.8  101.1       103   8.5   87.3       170   7.3   86.9
 37   7.1  108.3       104   7.6   82.4       171   7.6   86.2
 38   6.9  110.6       105   6.9   93.5       172   7.9   87.9
 39   6.5  112.0       106   7.3   89.0       173   7.8   89.9
 40   6.2  113.4       107   7.8   86.8       174   7.8   92.6
 41   6.1  112.6       108   7.8   95.0       175   8.2   94.0
 42   6.5  111.5       109   7.7   92.9       176   8.6   91.4
 43   6.6  110.9       110   7.6   91.1       177   8.4   86.4
 44   6.5  110.9       111   7.2  101.9       178   8.3   87.4
 45   6.2  112.0       112   7.0   94.4       179   8.2   89.7
 46   6.0  113.1       113   7.2   87.8       180   8.2   90.7
 47   6.0  113.8       114   7.1   89.7       181   8.3   90.7
 48   6.4  112.8       115   7.4   92.6       182   8.4   91.4
 49   6.0  113.7       116   8.0   97.3       183   8.5   91.9
 50   6.1  115.4       117   8.7  108.1
 51   6.7  115.1       118   8.9  106.8
 52   7.0  114.9       119   8.6  102.3
 53   6.7  114.9       120   8.6  102.8
 54   6.4  114.9       121   8.2  102.4
 55   6.3  112.9       122   8.1  102.3
 56   6.5  112.2       123   7.9   96.8
 57   6.9  110.7       124   7.9   98.9
 58   7.1  106.6       125   8.1  102.3
 59   6.8  103.5       126   8.0  104.4
 60   6.3  103.6       127   7.7  106.1
 61   6.4  103.3       128   7.8  106.3
 62   6.8  100.9       129   7.8  107.2
 63   6.7   97.6       130   8.5  105.7
 64   6.9   96.3       131   8.2  108.5
 65   7.6   95.3       132   8.2  114.5
 66   8.2   96.0       133   8.2  110.2
```

CAMP SNOWBIRD STATION 257
DATE 13/ 9/75 TIME 544(GMT)

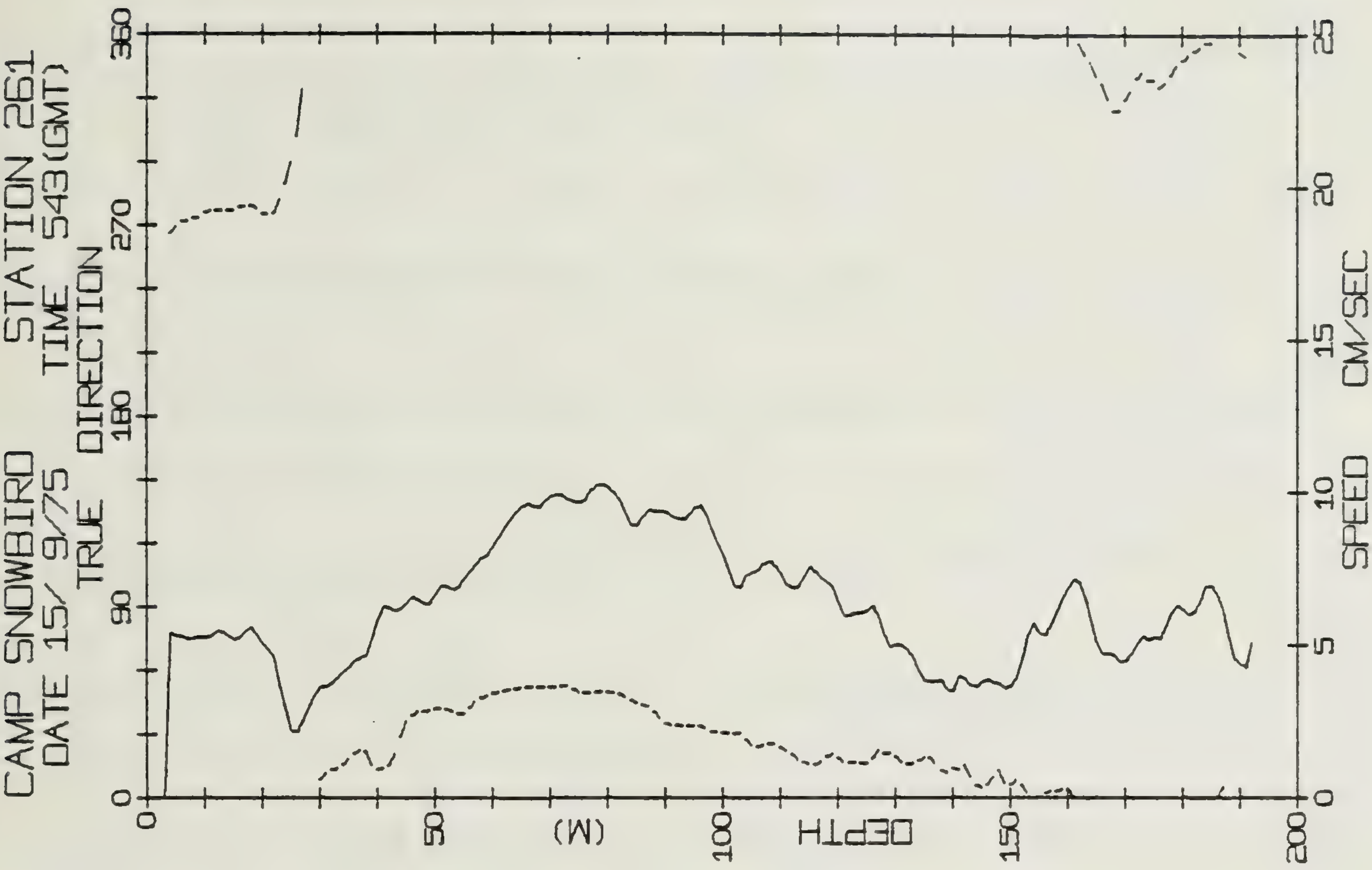


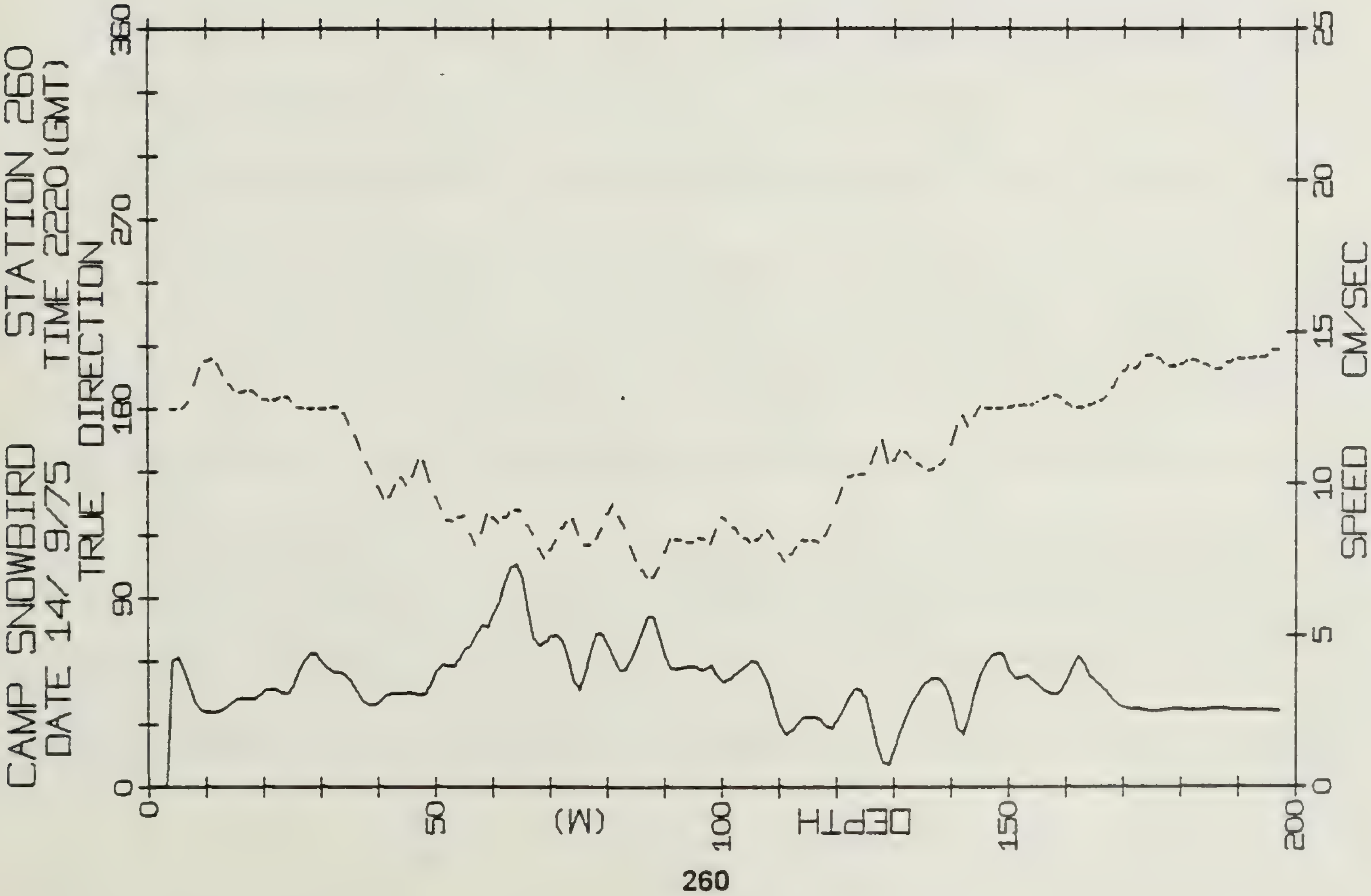
CAMP SNOWBIRD STATION 259
DATE 14/ 9/75 TIME 606(GMT)



```
SNOWBIRD STATION 257     (199M.)      13/SEP/75        544 GMT
LAT= 74.3326N  LONG= 140.7586W  LTER=      0.   LCER=      0.
NIVEL=   -9.0   EIVEL=    6.7     NVER=      0    EVER=      0.

DPT    SPD   DRN        DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67    7.5   128.7      134    8.0   134.9
  1    0.0  999.9        68    7.3   126.7      135    8.0   136.4
  2    0.0  999.9        69    6.9   126.7      136    7.6   138.6
  3    0.0  999.9        70    6.5   127.1      137    7.4   137.5
  4    7.7  157.0        71    6.6   125.4      138    7.8   133.1
  5    8.6  168.8        72    7.0   123.3      139    7.9   130.5
  6    8.0  172.8        73    7.3   122.2      140    7.9   128.3
  7    7.3  179.0        74    7.5   123.5      141    7.9   127.1
  8    7.4  180.3        75    7.6   126.6      142    7.7   127.3
  9    7.2  181.2        76    7.7   128.0      143    7.6   129.3
 10    6.4  184.4        77    7.7   128.5      144    7.5   132.4
 11    6.0  186.5        78    7.6   130.5      145    7.7   135.0
 12    6.1  186.6        79    7.4   131.5      146    8.0   134.4
 13    6.2  189.5        80    7.2   127.5      147    8.1   133.0
 14    6.2  187.0        81    7.2   124.1      148    7.9   133.6
 15    6.4  189.5        82    7.2   121.1      149    7.4   139.2
 16    7.0  194.4        83    7.0   120.2      150    7.3   143.7
 17    6.7  199.0        84    7.0   120.1      151    7.5   142.2
 18    6.2  200.2        85    7.2   120.6      152    7.8   135.8
 19    6.4  199.9        86    7.4   123.2      153    7.6   130.8
 20    6.5  199.8        87    7.7   125.2      154    7.3   129.0
 21    6.3  200.2        88    7.7   122.0      155    7.2   127.0
 22    6.2  199.1        89    7.7   118.7      156    7.4   123.3
 23    6.3  195.8        90    7.6   115.8      157    9.1   118.1
 24    6.6  192.7        91    7.3   119.4      158   10.4   120.5
 25    6.9  184.8        92    7.1   123.0      159    9.0   116.3
 26    7.2  173.4        93    7.2   122.5      160    8.7   119.6
 27    7.7  163.9        94    7.5   124.4      161    8.4   119.3
 28    7.8  165.8        95    7.8   127.8      162    7.9   119.6
 29    7.0  169.7        96    7.9   128.2      163    7.7   121.3
 30    6.4  165.0        97    7.8   126.4      164    8.0   119.8
 31    6.4  148.4        98    7.7   128.1      165    9.4   119.0
 32    6.9  137.6        99    7.6   129.4      166    9.7   122.0
 33    7.2  130.3       100    7.3   126.7      167    8.5   118.6
 34    7.4  126.4       101    7.1   128.2      168    8.1   118.3
 35    7.0  130.7       102    7.1   130.4      169    8.1   118.2
 36    7.2  133.3       103    7.2   130.9      170    8.7   116.4
 37    7.6  131.0       104    7.4   128.6      171    8.6   116.9
 38    7.9  129.3       105    7.4   126.8      172    8.3   118.1
 39    7.9  128.0       106    6.9   129.0      173    8.7   116.9
 40    8.0  126.5       107    6.4   130.9      174   11.4   117.1
 41    8.0  126.2       108    6.0   130.2      175   11.4   128.3
 42    8.0  126.8       109    6.5   124.8      176   10.5   120.6
 43    7.9  128.8       110    6.9   122.3      177    9.4   118.8
 44    7.6  132.6       111    6.7   122.0      178    9.3   119.6
 45    7.0  136.4       112    6.8   123.8      179    8.3   119.5
 46    6.4  140.9       113    6.9   123.0      180    6.6   124.0
 47    6.1  140.5       114    6.8   123.3      181    5.6   125.9
 48    6.3  137.3       115    6.4   128.7      182    5.7   125.0
 49    6.1  135.5       116    6.9   133.1      183    6.1   124.3
 50    5.9  132.5       117    7.1   131.4      184    6.0   125.7
 51    6.1  127.7       118    6.8   128.6      185    5.7   128.1
 52    6.2  124.4       119    6.5   124.6      186    5.1   132.3
 53    6.1  123.8       120    6.5   124.8      187    4.8   138.2
 54    6.2  124.8       121    6.9   128.7      188    5.2   140.0
 55    6.3  125.1       122    7.0   130.9      189    5.6   139.9
 56    6.5  124.0       123    6.4   132.8      190    5.8   140.8
 57    6.3  120.6       124    6.7   132.6      191    5.9   142.4
 58    6.6  121.8       125    6.9   130.5      192    6.5   136.9
 59    7.0  123.6       126    7.1   128.1      193    7.6   128.7
 60    7.2  122.3       127    6.9   128.0      194    8.9   124.5
 61    7.3  117.2       128    7.0   132.3      195    9.4   123.0
 62    7.9  118.9       129    7.2   131.8      196    9.7   117.1
 63    8.4  121.8       130    7.1   127.9      197    9.4   112.3
 64    8.4  124.1       131    7.4   131.3      198    9.3   110.8
 65    8.0  126.3       132    7.8   133.1      199    9.3   110.8
 66    7.7  127.9       133    7.9   133.8
```

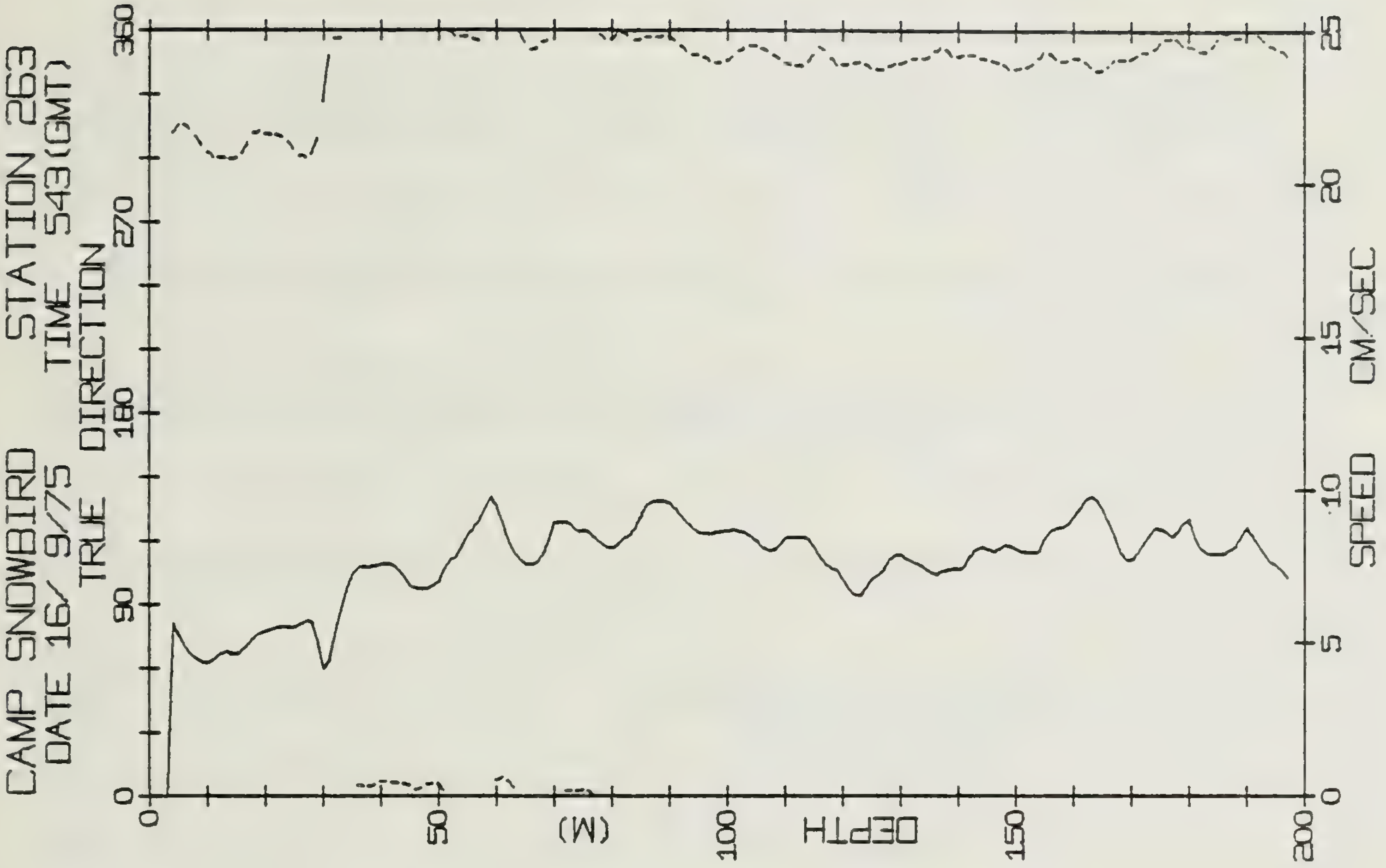
```
SNOWBIRD STATION 259     (198M.)      14/SEP/75        606 GMT
LAT= 74.3135N  LONG= 140.6670W  LTER=      1.   LCER=      2.
NIVEL=    0.4   EIVEL=   14.1     NVER=      0.   EVER=      0.

DPT    SPD   DRN        DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   11.1   107.2      134    9.0    98.6
  1    0.0  999.9        68   11.1   102.7      135    9.2    95.6
  2    0.0  999.9        69   11.4    98.8      136    9.4    90.5
  3    0.0  999.9        70   11.7    95.4      137    9.7    87.2
  4   13.4  114.9        71   10.8    94.4      138   10.0    88.7
  5   14.1  113.3        72    9.9    91.2      139   10.4    91.6
  6   14.3  115.0        73   10.3    87.0      140   10.3    96.1
  7   13.9  118.7        74   10.4    84.1      141   10.5   100.7
  8   13.2  121.8        75   10.3    83.7      142   11.0   104.4
  9   12.3  120.4        76   10.0    84.6      143   10.9   105.2
 10   11.8  123.0        77    9.7    86.3      144   11.5   107.5
 11   12.1  126.1        78    9.4    90.2      145   10.8   105.6
 12   11.0  122.8        79    9.4    95.3      146   10.2    99.9
 13    9.5  125.8        80    9.4    95.1      147   10.1    90.9
 14    9.4  131.2        81    9.4    91.1      148   10.6    87.9
 15    9.2  136.5        82    9.7    89.1      149   10.3    88.6
 16    9.1  140.0        83   10.1    87.5      150    9.7    93.8
 17    9.0  142.0        84   10.6    84.4      151   10.6   102.5
 18    8.9  143.9        85   11.5    80.7      152   12.2   108.2
 19    8.9  148.3        86   12.3    81.0      153   12.6   110.3
 20    8.9  151.7        87   12.2    81.4      154   12.1   111.8
 21    8.8  149.4        88   11.2    83.3      155   11.2   111.1
 22    8.3  146.1        89   10.5    94.0      156   10.1   107.0
 23    7.4  141.4        90   10.5    96.8      157    9.3    99.1
 24    7.3  136.2        91   10.8    94.1      158   10.1   101.3
 25    7.5  128.2        92   11.2    92.6      159   10.9   104.0
 26    7.7  124.6        93   11.0    95.3      160   10.0    98.2
 27    7.9  122.3        94   11.0    99.5      161   10.3    92.8
 28    8.2  119.4        95   11.0   103.0      162   10.0    92.9
 29    8.8  117.5        96   11.2   105.2      163    9.9    91.2
 30    9.5  115.9        97   11.2   105.4      164   10.4    86.0
 31   10.3  114.3        98   11.0   104.3      165   10.5    83.4
 32   10.9  113.6        99   10.3   100.6      166   10.3    83.6
 33   11.3  114.2       100    9.9    94.1      167    9.9    90.2
 34   11.2  115.4       101   10.0    91.6      168   10.2    98.3
 35   10.9  118.1       102   10.0    92.2      169   10.9   104.5
 36   10.3  120.0       103    9.7    94.2      170   11.3   107.2
 37    9.7  114.5       104    9.5    96.5      171   11.0   104.9
 38    9.7  109.4       105    9.5    99.3      172   10.9   101.8
 39   10.1  106.0       106    9.6   102.0      173   10.9    98.7
 40   10.6  103.3       107    9.4    99.7      174   11.1    98.7
 41   10.7  104.1       108    9.3    94.9      175   10.5   104.0
 42   10.9  103.7       109    9.9    90.6      176   10.1   102.2
 43   11.0  102.6       110   10.0    93.2      177    9.8    97.3
 44   10.7  102.7       111    9.8    97.0      178    9.6    92.2
 45   10.7  101.9       112    9.3    97.5      179    9.2    94.2
 46   11.1  101.6       113    9.2    95.1      180    8.9   102.2
 47   11.1  104.8       114    9.3    93.9      181    9.1   106.0
 48   11.1  106.8       115    9.3    88.6      182    9.0   104.2
 49   10.9  107.0       116    9.3    83.4      183    9.0   101.8
 50   10.7  107.0       117    9.0    83.5      184    9.2   100.8
 51   10.4  109.7       118    8.4    86.7      185    9.6   103.3
 52   10.9  107.8       119    9.4    90.4      186   10.0   109.7
 53   12.5  107.3       120    9.6    91.1      187    9.9   106.1
 54   14.4  109.7       121    8.5    93.0      188    9.4   105.4
 55   14.6  108.9       122    9.1    95.5      189    9.3   103.7
 56   14.2  106.9       123    9.8    96.0      190    9.6   102.8
 57   13.8  105.2       124    9.1    94.1      191   10.0   104.5
 58   13.4  104.8       125    9.3    91.3      192   10.0   110.4
 59   13.0  104.9       126    9.6    92.0      193    9.9   111.7
 60   12.6  104.9       127    9.9    94.0      194   10.0   110.6
 61   12.1  104.6       128   10.0    91.7      195   10.2   108.7
 62   11.8  103.2       129    9.9    92.0      196   10.4   104.8
 63   11.6  101.7       130    9.4    96.8      197   10.5   100.6
 64   11.5  100.3       131    9.5    97.9      198   10.3    99.1
 65   11.6   99.7       132    9.2    93.9
 66   11.3  102.9       133    8.8    96.9
```

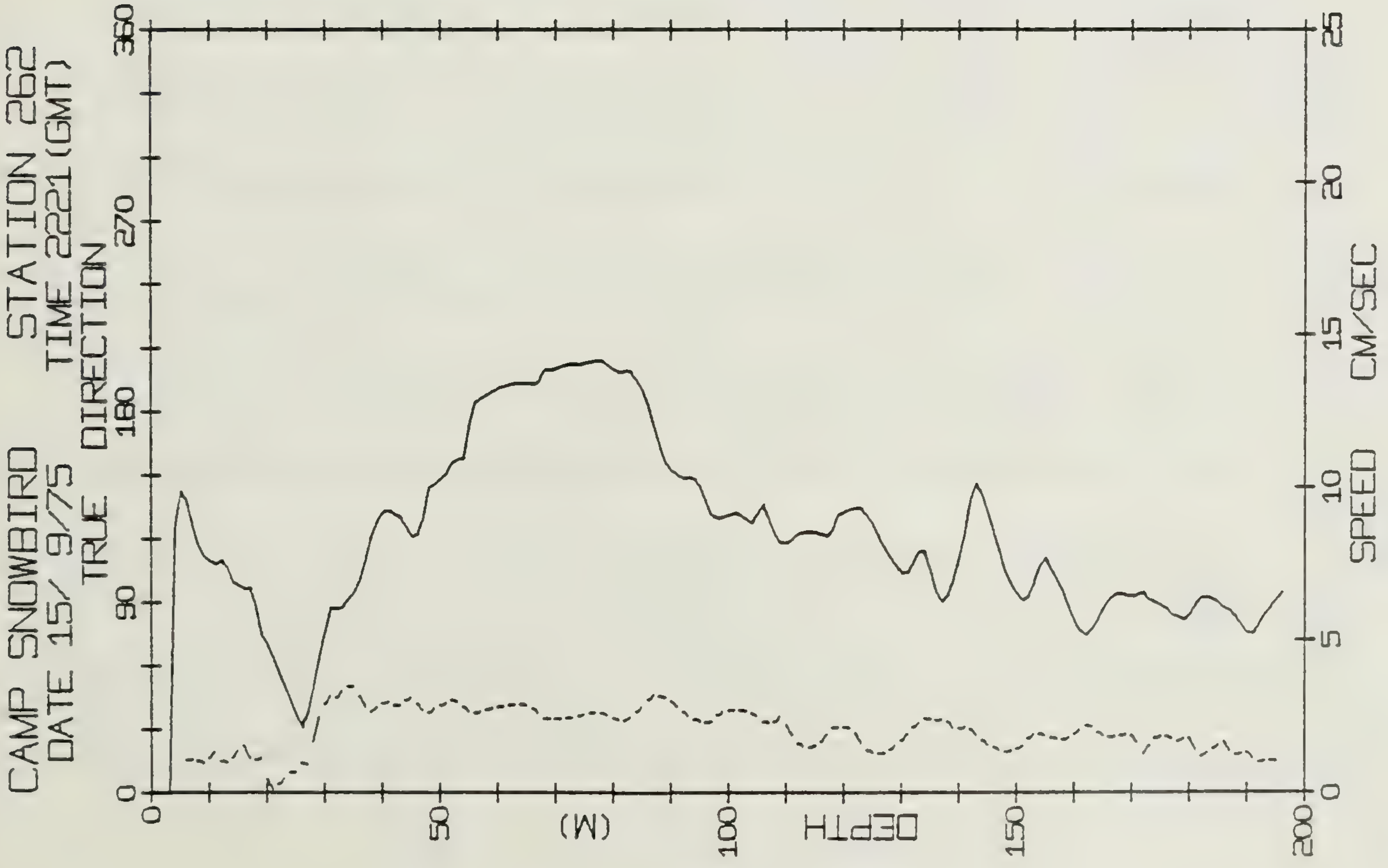

CAMP SNOWBIRD
STATION 261
DATE 15/ 9/75
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 260
DATE 14/ 9/75
TIME 2220(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 260     (197M.)      14/SEP/75      2220 GMT
LAT= 74.2795N  LONG= 140.6390W  LTER=      2.  LCER=       4
NIVEL=   -4.3   EIVEL=  -2 6     NVER=      0.  EVER=       0.

DPT     SPD   DRN          DPT     SPD    DRN         DPT     SPD     DRN
  0     0.0   999.9         67     4.9    120 3       134     3.1     154.1
  1     0 0   999 9         68     4.7    113 6       135     3.4     152.3
  2     0.0   999.9         69     4.8    108.9       136     3.5     150.9
  3     0.0   999.9         70     5.0    112.6       137     3.6     151.5
  4     4.2   180.2         71     5.0    117.3       138     3.5     153.4
  5     4 3   180 1         72     4.8    123.1       139     3.3     156.1
  6     3.9   180.7         73     4.3    126.2       140     2.8     162.9
  7     3.3   183.5         74     3.5    127.3       141     1.9     171.4
  8     2.8   191.5         75     3.2    120.2       142     1.8     176.4
  9     2.5   199.0         76     3.7    115.2       143     2.3     171.3
 10     2 5   202.8         77     4.5    115.3       144     3.1     176.3
 11     2.5   203.9         78     5.1    118.1       145     3.7     181.2
 12     2.5   201.3         79     5.0    122.9       146     4.1     180.3
 13     2.6   196.5         80     4.7    129.7       147     4.3     180.1
 14     2.7   192.0         81     4.2    134.9       148     4.4     180.2
 15     2 9   189 0         82     3.9    129 0       149     4.3     180.1
 16     2.9   188.1         83     3.9    123.4       150     3.8     180.7
 17     2.9   188.8         84     4.2    114.5       151     3.6     181.7
 18     2 9   188.7         85     4.6    108.0       152     3.6     181.6
 19     3.0   186.6         86     5.1    103.3       153     3.7     181.5
 20     3.2   184.6         87     5.6     99.8       154     3.6     182.1
 21     3.3   184.1         88     5.6    100.0       155     3.4     183.3
 22     3.2   184.4         89     5.0    104.7       156     3.2     184.8
 23     3.1   185.7         90     4.3    111.6       157     3.1     186.1
 24     3.1   185.9         91     3.9    117.8       158     3.1     186.5
 25     3.3   183.5         92     3.9    117.6       159     3.2     185.1
 26     3.8   180.9         93     4.0    116.9       160     3.5     182.5
 27     4.2   180.2         94     4.0    116.2       161     3.9     180.8
 28     4.4   180.2         95     4.0    116.5       162     4.3     180.4
 29     4.4   180 2         96     3.9    118.2       163     4.1     180.5
 30     4.1   180.2         97     3.9    117.7       164     3.7     181.7
 31     3.9   180.5         98     4.0    115.9       165     3.5     182.6
 32     3.8   180.8         99     3.7    122.3       166     3.3     183.9
 33     3.8   180 9        100     3.5    128.4       167     3.1     185.7
 34     3.7   177.9        101     3.6    126.4       168     2.9     189.7
 35     3.5   172.9        102     3.7    123.5       169     2.7     194.0
 36     3.2   167.4        103     3.9    120.7       170     2.6     197.6
 37     2.9   160.9        104     4.0    118 6       171     2.6     200.2
 38     2 7   154.9        105     4.2    116.3       172     2.6     198.9
 39     2.7   148 9        106     4.1    117.5       173     2.5     201.3
 40     2 8   143.2        107     3.8    119.9       174     2.5     204.9
 41     3.0   137.6        108     3.4    121.7       175     2.5     205.4
 42     3.1   138.1        109     2.7    118.6       176     2.5     203.8
 43     3 1   143.3        110     2 1    111.4       177     2.5     201.6
 44     3.1   147.2        111     1 8    107 3       178     2.6     199.9
 45     3.1   143 8        112     1.9    110.8       179     2.6     199.5
 46     3.1   147 8        113     2.1    114.1       180     2.6     200.9
 47     3.0   155.2        114     2 3    117.1       181     2.5     202.6
 48     3.1   155 1        115     2 3    117.4       182     2.5     203.0
 49     3.4   145.6        116     2.3    117.1       183     2.6     202.0
 50     3.8   138.3        117     2.2    116.2       184     2.6     200.9
 51     4.0   132.8        118     2.0    119.5       185     2.6     199.6
 52     4.0   127 0        119     1.9    125.2       186     2.6     198.5
 53     4.0   126.4        120     2.2    135.3       187     2.6     198.8
 54     4.2   128 4        121     2 5    142.4       188     2.6     201.5
 55     4.6   129.3        122     2 9    147.7       189     2.5     202.8
 56     4.7   120.4        123     3 2    148.6       190     2.5     203.4
 57     5.1   115.2        124     3.2    148.6       191     2.5     203.5
 58     5 3   120.9        125     3 0    148.7       192     2.5     203 7
 59     5.3   129 6        126     2.2    154.1       193     2.5     204.0
 60     5.8   128.2        127     1.4    161.4       194     2.5     204.2
 61     6.1   125.8        128     0.8    164.8       195     2.5     204.9
 62     6 8   128.3        129     0.7    154.4       196     2.5     207.5
 63     7.3   130 4        130     1.3    155.4       197     2.5     207.5
 64     7.4   131.9        131     1.8    159.9
 65     6 9   131 1        132     2.3    159.5
 66     5 8   124 7        133     2.8    156 7
```

```
SNOWBIRD STATION 261     (192M.)      15/SEP/75       543 GMT
LAT= 74.2680N  LONG= 140.6950W  LTER=  147.   LCER=  168
NIVEL=   -2.6   EIVEL=   -7.8    NVER=    4.   EVER=     5.

DPT     SPD    DRN         DPT     SPD     DRN        DPT     SPD      DRN
  0     0.0    999.9        67     9.5     52.3       134     4.2      17.7
  1     0.0    999 9        68     9.5     52.2       135     3.8      19.1
  2     0.0    999.9        69     9.7     52.4       136     3.8      18 8
  3     0.0    999.9        70     9.9     52 6       137     3.8      16 2
  4     5.4    266.4        71     9 9     52.6       138     3.8      12 8
  5     5.3    269.0        72     9 9     52.9       139     3.5      11.6
  6     5.3    271.5        73     9.8     53.3       140     3.5      13.9
  7     5.2    272.2        74     9.7     51.4       141     4.0      13.3
  8     5.3    273.3        75     9 7     50.0       142     3.9      15.2
  9     5.3    273.8        76     9.8     49.6       143     3.7      10.2
 10     5.2    275.9        77    10.1     50.0       144     3.6       5.8
 11     5.3    277.0        78    10.2     50.2       145     3.8       4.6
 12     5.5    277.0        79    10.2     50.3       146     3.9       6.4
 13     5.4    276.8        80    10.1     50.0       147     3.8       9 9
 14     5.3    276.7        81    10 0     49.5       148     3.7      12.9
 15     5.2    277 0        82     9.8     48.8       149     3.6       6.8
 16     5.3    278.5        83     9.3     47.8       150     3.7       6.3
 17     5.5    279.1        84     8.9     46.2       151     3.9       8.4
 18     5.6    279.1        85     8.9     44.8       152     4.5       5.8
 19     5.3    277.6        86     9.2     43.8       153     5.3       1.9
 20     5.0    275.5        87     9.4     43.1       154     5.7     359.1
 21     4.8    274.7        88     9.4     40.8       155     5.4     359 6
 22     4.6    275.5        89     9.4     37.8       156     5.3       2.3
 23     3.7    281.7        90     9.3     35.1       157     5.7       3.2
 24     2.9    289.6        91     9.2     34.3       158     6.1       3.1
 25     2.2    299.4        92     9.1     33.9       159     6.5       4.1
 26     2.2    312.1        93     9.1     33.8       160     6.9       3.9
 27     2.5    333.7        94     9.3     33.9       161     7.2       0.8
 28     3.0    349.4        95     9.5     34.1       162     7.1     355.9
 29     3.4      1.6        96     9.6     33.8       163     6.6     351.3
 30     3.6      8.7        97     9.3     32.9       164     5.8     347.7
 31     3.7     11.2        98     8.8     31.2       165     5.1     340.9
 32     3.8     13.0        99     8.4     30.5       166     4.7     337.0
 33     3.9     14.3       100     7.9     30.9       167     4.7     330.1
 34     4.1     15.8       101     7.4     30.7       168     4.7     324.5
 35     4.3     18.4       102     6.9     30.1       169     4.5     324.8
 36     4.5     21.2       103     6.9     30.7       170     4.5     329.6
 37     4.6     22.7       104     7.3     27.5       171     4.7     333.9
 38     4.7     21.9       105     7.4     24.9       172     5.0     339.6
 39     5.2     15.7       106     7.5     24.1       173     5.3     342.6
 40     5.8     13.6       107     7.7     25.0       174     5.2     339.0
 41     6.2     14.1       108     7.7     25.8       175     5.3     339.0
 42     6.2     15.6       109     7.6     25.5       176     5.2     335.8
 43     6.1     20.4       110     7.4     23.9       177     5.6     337 5
 44     6.2     28.8       111     7.0     22.1       178     6.0     341.5
 45     6.4     35.7       112     6.9     20.6       179     6.3     345.9
 46     6.6     38.9       113     6.9     18.2       180     6.2     348.3
 47     6.5     40.6       114     7.2     16.9       181     6.0     350.5
 48     6.3     41.3       115     7.5     15.7       182     6.1     352.6
 49     6.4     41.3       116     7.4     15.8       183     6.4     354.1
 50     6.7     42.3       117     7.2     17.3       184     6.9     356.4
 51     6.9     42.8       118     7.1     19.6       185     7.0     356.1
 52     6.9     41.9       119     6.9     20.7       186     6.7       0.2
 53     6.8     40.6       120     6.4     18.9       187     6.2       4.7
 54     6.9     39.5       121     6 0     17 0       188     5.3       3.2
 55     7.2     39.7       122     6 0     16.8       189     4.6     359.8
 56     7.4     42.7       123     6.1     16.5       190     4.4     351.6
 57     7.6     45.7       124     6.1     16.2       191     4 3     350.0
 58     7.8     47.1       125     6.1     16.7       192     5.1     346.8
 59     8.0     48.3       126     6.3     18.6
 60     8.2     49.5       127     6 0     22.2
 61     8.5     50.2       128     5.4     21.1
 62     8.8     50.8       129     5.0     21.2
 63     9.1     51.2       130     5.0     19.6
 64     9.3     51 8       131     5.0     17 2
 65     9.5     52.1       132     4.9     16.0
 66     9 6     52.4       133     4.6     16 7
```

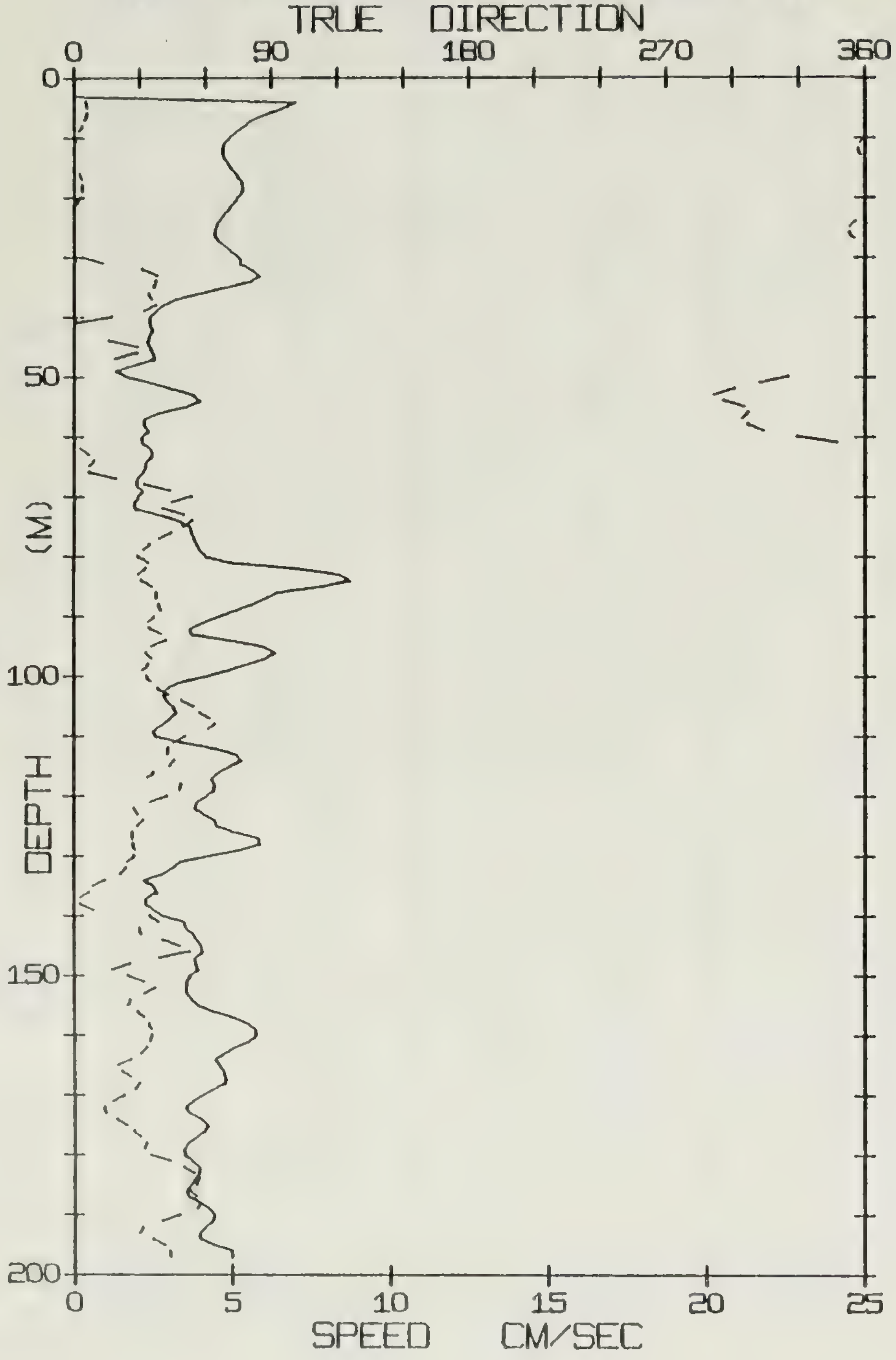

CAMP SNOWBIRD STATION 263
DATE 16/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 262
DATE 15/ 9/75 TIME 2221(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

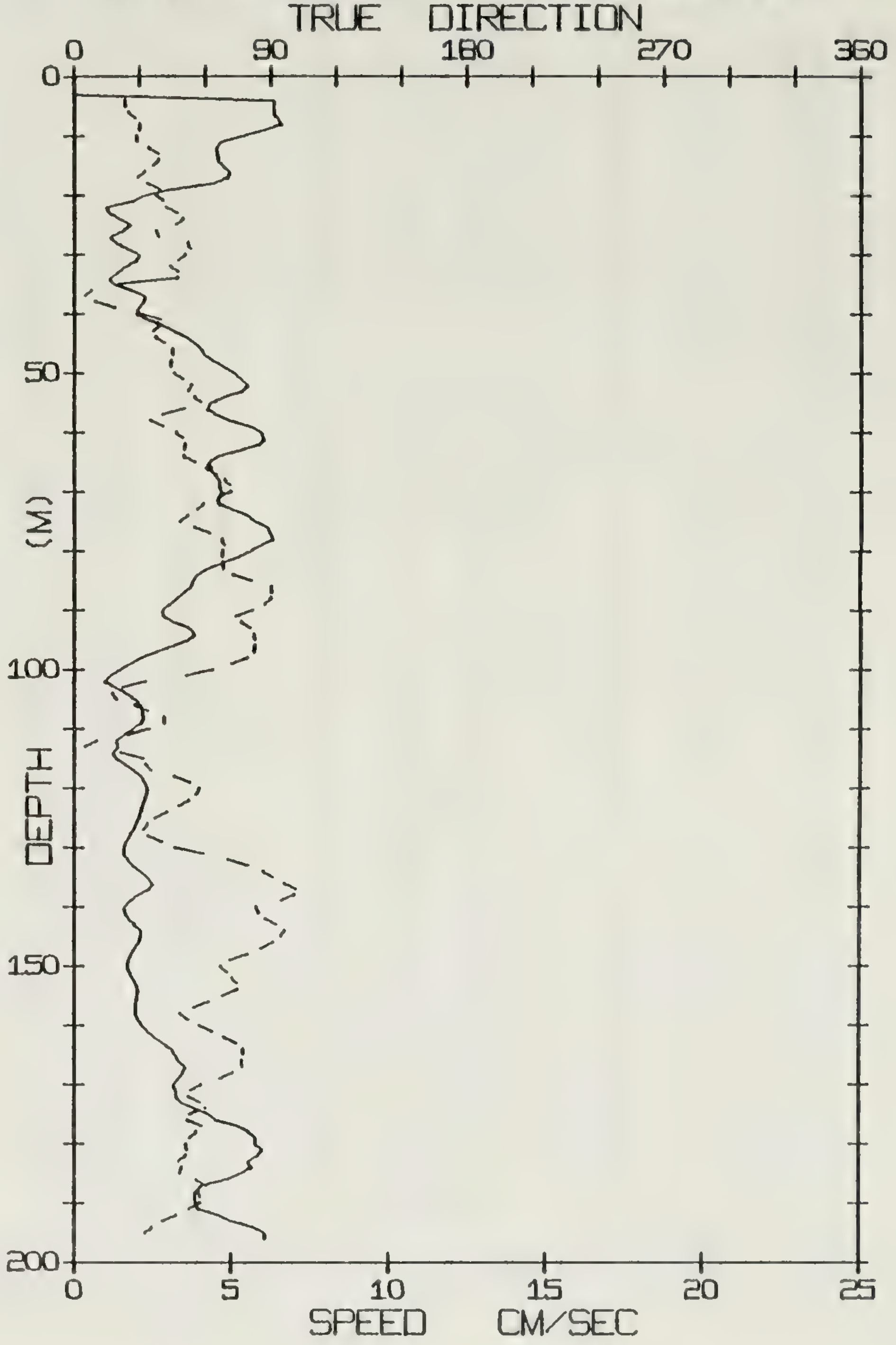
```
SNOWBIRD STATION 262     (196M.)     15/SEP/75      2221 GMT
LAT= 74.2772N  LONG= 140.8758W  LTER=     2.   LCER=     4
NIVEL=  11 5   EIVEL=  -5 3     NVER=     0    EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67  13.5  37.6      134   7.9  34.8
  1   0.0  999 9      68  13.9  35.1      135   7.3  34.5
  2   0.0  999.9      69  13.9  34.9      136   6.6  33.9
  3   0.0  999.9      70  13.9  34.9      137   6.3  34 9
  4   8.7  358.8      71  14.0  35.1      138   6.4  33.6
  5   9.9   10.7      72  14.0  35.3      139   7.0  30.5
  6   9.6   15.4      73  14.0  35.8      140   7.7  30.4
  7   8.8   15.6      74  14.0  36.4      141   8.5  31.0
  8   8.1   14.8      75  14.1  37.0      142   9.6  29.9
  9   7 8   13 9      76  14.1  37.7      143  10.1  27.2
 10   7.6   16.2      77  14.2  37.9      144   9.8  25.0
 11   7.5   19 8      78  14.1  37.4      145   9.2  22.7
 12   7.6   14.9      79  14.0  36.3      146   8.5  21.4
 13   7.4   14.3      80  13.9  35.1      147   7.9  19.9
 14   6.9   16.4      81  13.8  34.0      148   7.3  19.1
 15   6.8   20.0      82  13.8  34.1      149   6.8  19.8
 16   6.7   22.0      83  13.8  35.8      150   6.5  20.8
 17   6.7   16.3      84  13.5  38 0      151   6.3  22.0
 18   6.1   15.4      85  13.2  40.6      152   6.4  25.6
 19   5.2   16.5      86  12.7  43.7      153   6.9  27.6
 20   4.9    6.3      87  12.1  46.1      154   7.4  27.7
 21   4 4    2.0      88  11.4  45.3      155   7.7  26.7
 22   4.0    4.0      89  10.8  44.6      156   7.3  25.8
 23   3.5    6.6      90  10.6  42.9      157   7.0  25.2
 24   3.0    9 5      91  10.4  40.8      158   6.6  24.9
 25   2.5   10.0      92  10.3  38.2      159   6.1  26.1
 26   2.2   13.9      93  10.3  36.1      160   5.6  27.7
 27   2.6   13.1      94  10.3  34.5      161   5.3  29.9
 28   3.5   24.2      95  10.0  33.5      162   5.2  31.6
 29   4.5   35.6      96   9.6  33.0      163   5.3  30.9
 30   5.3   41.8      97   9.1  33.7      164   5.6  28.6
 31   6.1   45.8      98   9.0  36.5      165   6.0  27.1
 32   6.1   44.8      99   9.0  38.5      166   6.3  26.0
 33   6.1   47 8     100   9.1  38.9      167   6.5  26.5
 34   6.4   50.4     101   9.2  39.0      168   6.5  27.0
 35   6.6   50 1     102   9.1  38.6      169   6.5  27.6
 36   7.0   45.7     103   8.9  38.1      170   6.4  26.8
 37   7 6   40 9     104   8.8  37.3      171   6.5  23.1
 38   8.4   38 5     105   9.2  35.7      172   6.6  18.4
 39   8.9   40.3     106   9.4  33 5      173   6.3  22.0
 40   9 2   42 0     107   8.9  32 8      174   6.2  25.5
 41   9 3   43.0     108   8.5  33.6      175   6.1  27.1
 42   9 1   41.3     109   8.2  36.4      176   6.0  26.2
 43   9.0   40.9     110   8.2  32.1      177   5.8  25.2
 44   8 7   43 4     111   8.3  27.3      178   5.7  24.1
 45   8 4   44.9     112   8.5  23.5      179   5.7  25.7
 46   8 5   42.0     113   8.5  21.9      180   5.8  25.5
 47   9.0   38 7     114   8.6  21.2      181   6.1  20.3
 48  10 0   37 9     115   8.5  22.4      182   6.4  17.2
 49  10.1   39 5     116   8.5  24.2      183   6.4  18.6
 50  10 3   41.1     117   8.4  27.6      184   6.3  20.4
 51  10.5   42 6     118   8.6  30.7      185   6.2  22.4
 52  10.8   43.7     119   9.1  31.0      186   6.0  24.0
 53  10.9   42 6     120   9.2  31 2      187   6.0  19.2
 54  10.9   40.6     121   9.3  30.3      188   5.8  17.8
 55  12 0   38 3     122   9.3  28.2      189   5.5  18.4
 56  12.8   37 6     123   9.3  23.7      190   5.2  18.9
 57  12.9   38.5     124   9.1  20.1      191   5.2  16.2
 58  13.1   39 4     125   8 8  18.8      192   5.5  14.5
 59  13.2   40 1     126   8.4  18.4      193   5.8  15.0
 60  13.3   40.8     127   8.0  18.7      194   6.1  15.0
 61  13.3   41 2     128   7.7  20.1      195   6.3  14.7
 62  13 4   41 5     129   7.5  22.4      196   6.5  14.1
 63  13.4   41 7     130   7.2  24.7
 64  13.4   41 8     131   7.2  27.7
 65  13.4   41.0     132   7.5  30.7
 66  13.4   39 8     133   7.9  33 2
```

```
SNOWBIRD STATION 263     (197M.)     16/SEP/75       543 GMT
LAT= 74.2926N  LONG= 140.9149W  LTER=     1.   LCER=     1.
NIVEL=   5.0   EIVEL=  -8.2     NVER=     0.   EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   7.7  351.8     134   7.4  347 4
  1   0.0  999.9      68   7 9  354.5     135   7.3  348 3
  2   0.0  999.9      69   8.3  355.7     136   7.2  350.6
  3   0.0  999.9      70   9.0  356.9     137   7.3  352 7
  4   5.6  311.8      71   9 0    0.3     138   7.4  351.2
  5   5.3  315.1      72   9 0    2.6     139   7.5  348.3
  6   4.9  315.4      73   8.8    2 8     140   7.4  348.2
  7   4.6  313.2      74   8 6    2.8     141   7.5  349.2
  8   4.5  310.0      75   8.7    3.2     142   7.9  349.0
  9   4.4  306.1      76   8.6    2.1     143   8.1  348.5
 10   4.4  302.8      77   8.4    0.2     144   8.1  347.5
 11   4.5  300.5      78   8.3  358 0     145   8.1  346.5
 12   4.6  300.1      79   8.1  355.9     146   8.0  345.9
 13   4.7  299.8      80   8 1  355.8     147   8.1  344.9
 14   4.6  299.5      81   8.2  358.1     148   8.2  344.0
 15   4.6  300.3      82   8.4  358.9     149   8.1  341.9
 16   4.8  302.5      83   8.5  357.3     150   8.0  342.2
 17   5.0  307.1      84   8.8  355.4     151   8.0  343.1
 18   5.2  311.7      85   9.2  355.9     152   8.0  343.5
 19   5.4  312.6      86   9.5  357.0     153   8.0  344.9
 20   5.4  311.3      87   9.6  357.0     154   8.0  347.7
 21   5.5  310.9      88   9.6  357.3     155   8.4  350.5
 22   5.5  310.7      89   9.6  357.8     156   8.7  349.6
 23   5.5  309.7      90   9.6  357.3     157   8.8  347.5
 24   5.5  307.5      91   9 4  355.2     158   8.8  346.1
 25   5.5  304.1      92   9.1  352.9     159   8.9  346.6
 26   5.6  301.2      93   8.9  350.6     160   9.1  347.8
 27   5.7  300.3      94   8.7  349.0     161   9.4  347.1
 28   5.7  301.9      95   8.6  348.4     162   9.7  345.6
 29   5.1  309.0      96   8.6  347.4     163   9.8  343.4
 30   4.2  326.7      97   8.6  345.6     164   9.7  341.6
 31   4.4  348.2      98   8.6  344.7     165   9.4  341.9
 32   5.3  356.5      99   8.7  344 7     166   9.0  343.6
 33   6.0  356.6     100   8.7  346.0     167   8.5  346.3
 34   6.7  359.3     101   8.7  348.2     168   8.0  346.7
 35   7.3    3.6     102   8.6  350.5     169   7.7  346.8
 36   7.5    5.0     103   8.6  352.5     170   7.7  347.4
 37   7.5    4.5     104   8.5  353.3     171   7.9  349.0
 38   7.5    4.6     105   8.3  352.7     172   8.2  350.2
 39   7.6    5.7     106   8.1  351.6     173   8.5  350.1
 40   7.6    6.8     107   8.0  350.2     174   8.7  351.6
 41   7.6    7.2     108   8.0  348.9     175   8.7  354.4
 42   7.5    6.4     109   8.2  346.6     176   8.6  356.5
 43   7.4    5.9     110   8.4  344.9     177   8.5  356.8
 44   7.2    5.6     111   8.5  343.8     178   8.6  356.2
 45   6.9    4.7     112   8.4  343.3     179   8.9  353.6
 46   6.8    3.1     113   8.5  343.4     180   9.1  353.1
 47   6.8    4.1     114   8.4  345.5     181   8.5  352.1
 48   6.8    5.6     115   8.1  349.4     182   8.1  350.9
 49   6.9    6.2     116   7.8  352.4     183   7.9  350.5
 50   7.0    5.7     117   7.6  350.9     184   7.9  352.7
 51   7.5    2.8     118   7.4  347.2     185   7.9  356.5
 52   7.7  359.5     119   7.4  344.3     186   7.9  359.3
 53   7.8  357.4     120   7.1  343.9     187   8.1  360.0
 54   8.2  357.6     121   6.8  344.6     188   8.1  357.4
 55   8.5  357.4     122   6.6  345.3     189   8.5  357.6
 56   8.8  356.0     123   6.6  345.6     190   8.8  359.7
 57   9.0  355.0     124   6.8  344.3     191   8.5    0.0
 58   9.4  359.2     125   7 1  342.3     192   8.2  358.2
 59   9.8    4.5     126   7.2  341.7     193   7.9  356.0
 60   9.5    7.6     127   7.4  342.2     194   7.7  353.5
 61   8.9    8.9     128   7.7  343.6     195   7.5  352 1
 62   8.4    7.2     129   7.9  344.6     196   7.4  350.9
 63   8.0    4.0     130   7.9  345 0     197   7.2  349 0
 64   7.7  359.4     131   7.7  346.0
 65   7.6  354.1     132   7.6  347.2
 66   7.6  351.2     133   7.6  347.4
```

CAMP SNOWBIRD STATION 264
DATE 16/ 9/75 TIME 2221(GMT)

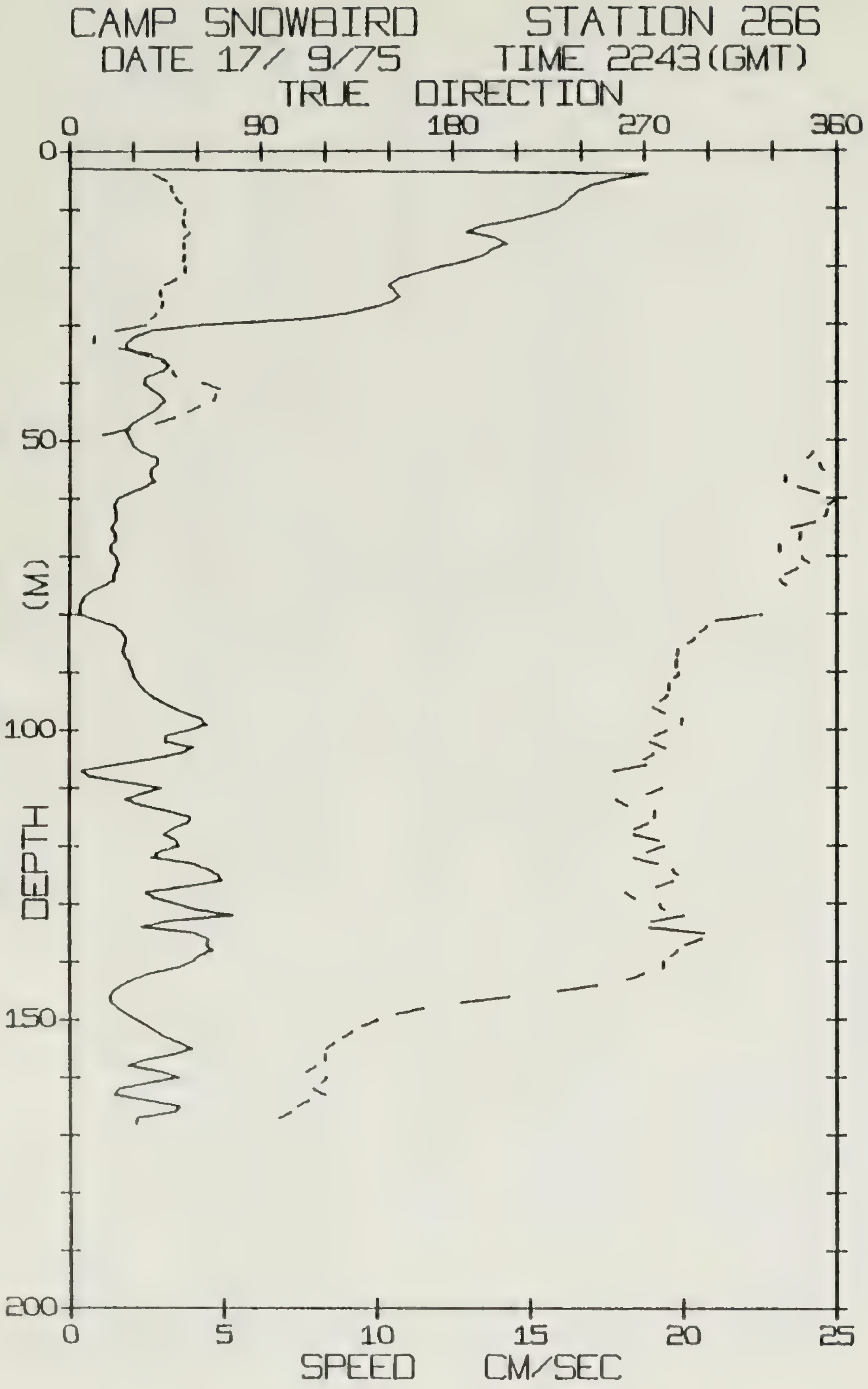


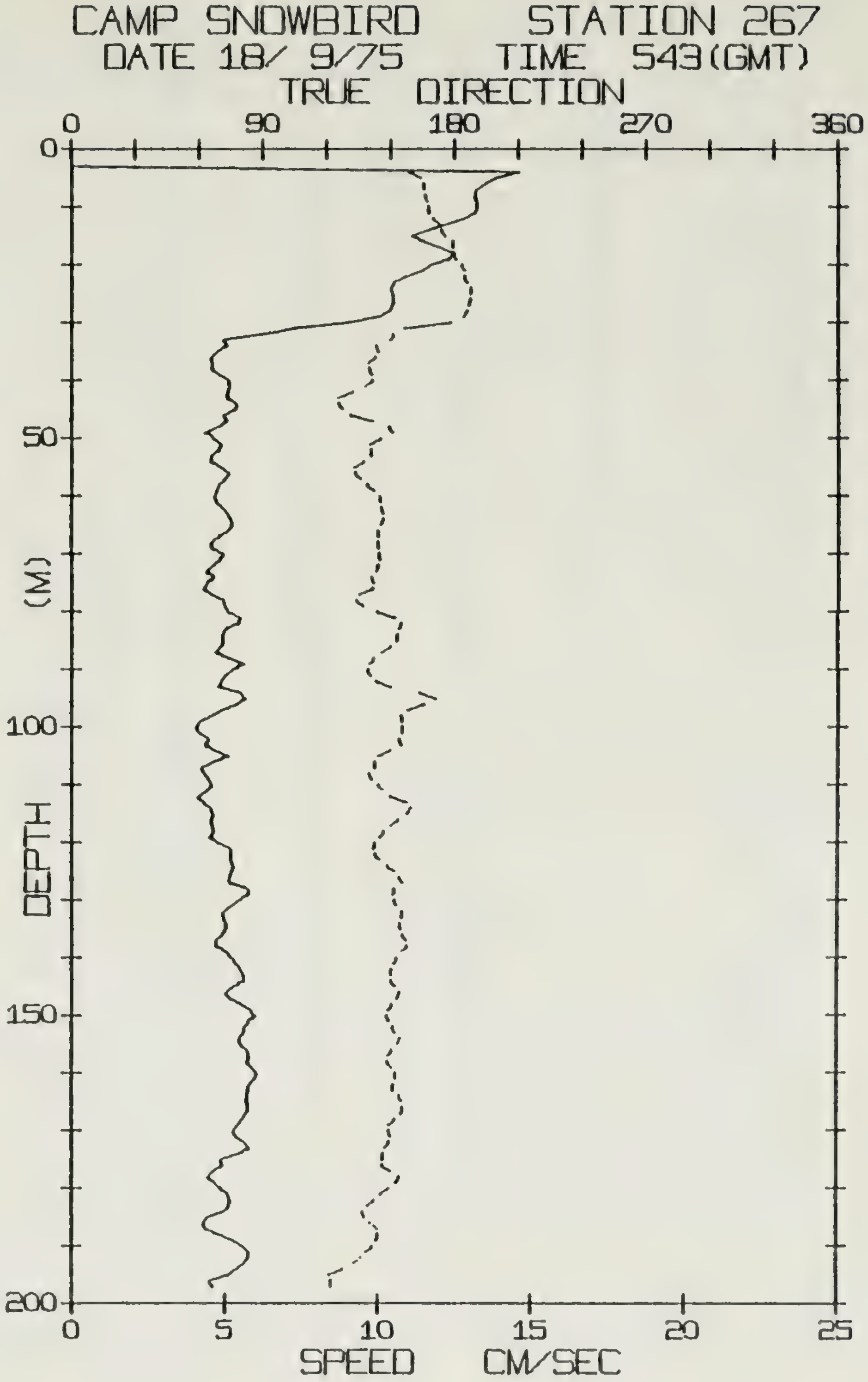
CAMP SNOWBIRD STATION 265
DATE 17/ 9/75 TIME 605(GMT)



```
SNOWBIRD STATION 264     (197M.)     16/SEP/75     2221 GMT
LAT= 74.3184N  LONG= 140.9645W  LTER=     2   LGER=     3.
NIVEL=   6.7   EIVEL=  -1.9     NVER=    0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    2.0   19.0      134    2.2   14.2
  1    0.0  999.9       68    2.0   32.2      135    2.5    8.8
  2    0.0  999.9       69    2.2   44.1      136    2.6    7.0
  3    0.0  999.9       70    2.0   53.2      137    2.3    2.7
  4    7.0    5.6       71    1.9   44.5      138    2.3    2.6
  5    6.6    6.1       72    2.0   40.7      139    2.5    8.7
  6    6.1    5.9       73    2.7   50.1      140    2.8   34.6
  7    5.6    4.7       74    3.3   53.9      141    3.5   38.6
  8    5.4    3.6       75    3.7   50.5      142    3.6   30.0
  9    5.1    2.1       76    3.8   44.7      143    3.8   30.6
 10    4.9  359.9       77    3.8   38.9      144    3.9   40.3
 11    4.7  357.7       78    3.9   34.4      145    4.0   48.2
 12    4.7  357.1       79    4.0   31.7      146    4.1   52.9
 13    4.7  358.2       80    4.2   29.2      147    3.8   38.9
 14    4.9  359.8       81    4.9   33.6      148    3.9   25.8
 15    5.0    1.2       82    7.1   32.4      149    3.9   17.9
 16    5.2    2.5       83    8.4   29.8      150    3.7   24.6
 17    5.3    3.6       84    8.8   31.0      151    3.6   31.7
 18    5.4    4.0       85    7.8   35.3      152    3.5   37.0
 19    5.3    3.7       86    6.4   37.4      153    3.6   32.3
 20    5.2    2.8       87    6.0   37.5      154    3.7   25.9
 21    5.0    1.6       88    5.6   39.0      155    3.9   24.5
 22    4.9    0.0       89    5.1   39.9      156    4.4   29.0
 23    4.7  358.1       90    4.6   36.6      157    5.0   31.9
 24    4.6  355.7       91    4.1   34.0      158    5.5   34.2
 25    4.5  353.3       92    3.7   34.4      159    5.8   35.7
 26    4.4  352.9       93    3.7   40.4      160    5.7   35.4
 27    4.5  355.5       94    4.9   41.9      161    5.5   34.4
 28    4.8  359.2       95    6.0   35.3      162    5.1   33.1
 29    5.0    1.8       96    6.4   33.2      163    4.7   30.6
 30    5.2    3.5       97    6.1   35.4      164    4.5   26.1
 31    5.3   12.9       98    5.5   33.7      165    4.6   19.9
 32    5.6   31.0       99    4.9   31.6      166    4.7   22.0
 33    5.9   37.8      100    4.2   33.3      167    4.8   26.1
 34    5.6   37.2      101    3.3   35.3      168    4.8   29.7
 35    4.8   36.2      102    2.9   38.1      169    4.4   28.0
 36    4.0   34.2      103    2.8   42.8      170    4.0   23.0
 37    3.2   35.7      104    2.9   48.9      171    3.7   18.0
 38    2.8   37.4      105    3.1   54.4      172    3.5   13.8
 39    2.6   31.7      106    3.3   57.7      173    3.7   14.3
 40    2.4   17.6      107    3.0   61.6      174    4.0   19.5
 41    2.4    0.9      108    2.8   64.2      175    4.2   24.0
 42    2.5  357.5      109    2.5   60.6      176    4.1   27.2
 43    2.4    3.0      110    2.6   50.9      177    3.9   30.3
 44    2.3   16.0      111    3.4   46.2      178    3.6   32.8
 45    2.4   29.0      112    4.4   43.1      179    3.5   31.7
 46    2.5   28.8      113    5.1   42.4      180    3.5   35.0
 47    2.5   19.0      114    5.3   45.7      181    3.7   43.8
 48    1.9   20.0      115    5.0   43.9      182    4.0   50.0
 49    1.3  357.4      116    4.6   36.5      183    3.9   54.6
 50    1.7  325.3      117    4.4   33.4      184    3.8   56.4
 51    2.5  312.6      118    4.4   48.8      185    3.7   55.5
 52    3.2  301.0      119    4.4   47.8      186    3.5   53.1
 53    3.8  292.0      120    4.2   42.5      187    3.6   55.8
 54    4.0  296.1      121    3.9   35.0      188    4.0   57.3
 55    3.5  305.3      122    3.8   27.7      189    4.3   55.9
 56    2.7  307.0      123    4.1   29.3      190    4.4   48.2
 57    2.2  304.4      124    4.5   31.4      191    4.4   40.0
 58    2.2  307.0      125    4.5   29.1      192    4.2   31.3
 59    2.4  313.8      126    5.1   27.1      193    4.0   29.8
 60    2.1  329.5      127    5.9   26.6      194    4.0   35.8
 61    2.2  347.6      128    5.9   27.3      195    4.4   41.3
 62    2.4    3.1      129    5.3   28.0      196    5.0   43.7
 63    2.5    6.7      130    4.2   27.5      197    5.0   44.4
 64    2.3    8.9      131    3.3   24.7
 65    2.2    6.9      132    3.1   23.6
 66    2.1    6.9      133    2.8   21.4
```

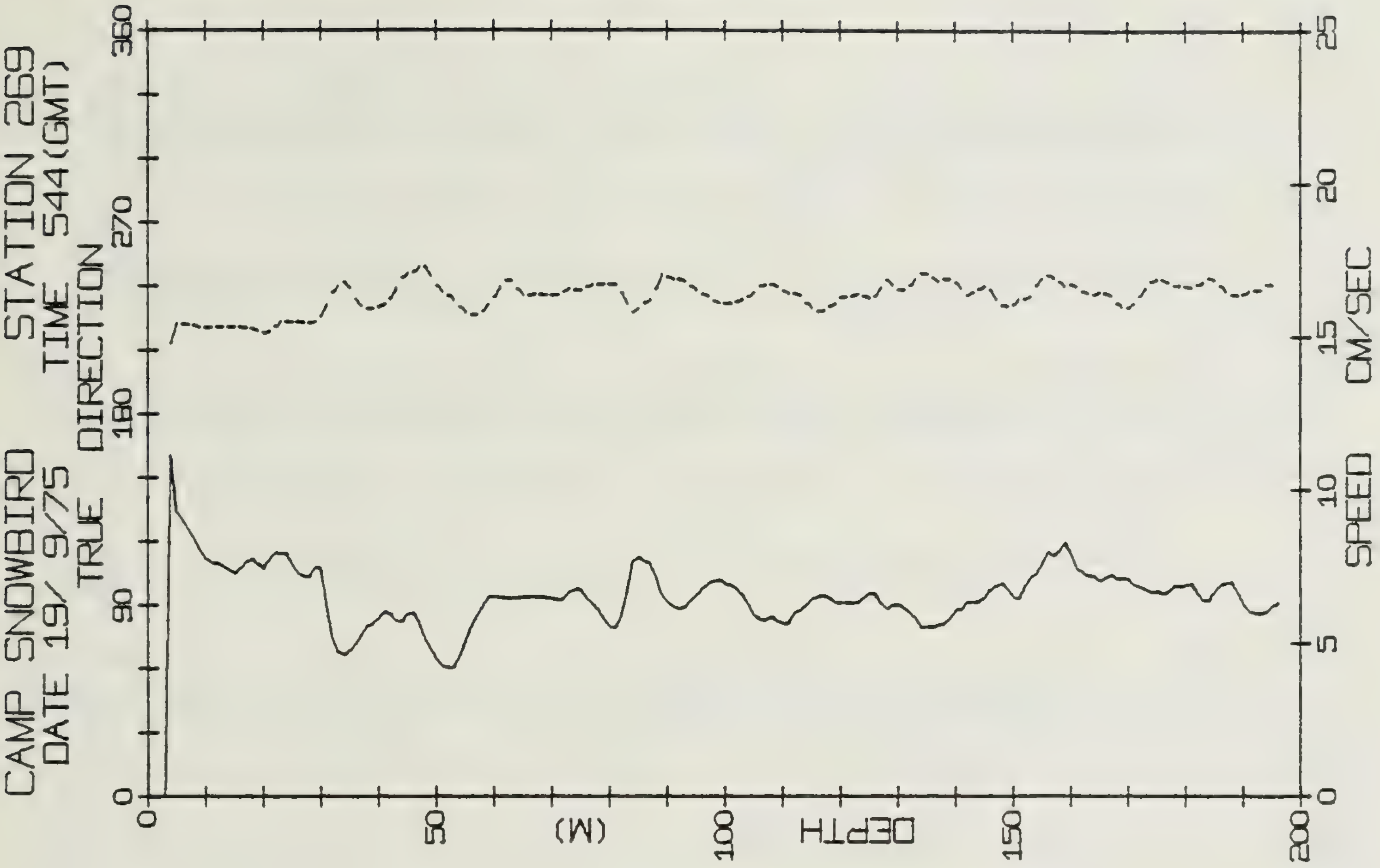
```
SNOWBIRD STATION 265     (196M.)     17/SEP/75      605 GMT
LAT= 74.3294N  LONG= 140.9754W  LTER=     2   LGER=     3.
NIVEL=   5.3   EIVEL=  -3.2     NVER=    0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    4.5   65.0      134    2.1   86.6
  1    0.0  999.9       68    4.6   69.3      135    2.3   90.8
  2    0.0  999.9       69    4.6   71.8      136    2.5   96.4
  3    0.0  999.9       70    4.7   71.9      137    2.4  101.7
  4    6.4   23.4       71    4.6   66.5      138    2.0  101.1
  5    6.3   23.7       72    4.6   59.4      139    1.8   94.7
  6    6.3   25.0       73    5.1   56.8      140    1.6   83.6
  7    6.5   27.8       74    5.5   52.2      141    1.6   84.9
  8    6.6   30.2       75    5.8   48.9      142    1.7   87.8
  9    6.0   29.6       76    6.2   55.2      143    1.9   92.6
 10    5.4   28.7       77    6.3   62.4      144    2.1   96.5
 11    4.6   28.8       78    6.3   67.9      145    2.1   94.4
 12    4.5   34.0       79    5.9   69.1      146    2.0   91.4
 13    4.6   38.3       80    5.6   68.3      147    1.9   85.7
 14    4.6   38.8       81    5.2   67.5      148    1.8   79.6
 15    4.8   36.2       82    4.7   68.3      149    1.7   71.9
 16    4.9   32.2       83    4.2   68.8      150    1.7   67.3
 17    4.9   29.3       84    3.9   73.0      151    1.8   70.2
 18    4.4   33.4       85    3.8   81.2      152    1.9   72.6
 19    3.1   39.2       86    3.7   90.2      153    2.0   74.9
 20    2.2   37.4       87    3.5   90.6      154    2.0   75.0
 21    1.8   40.9       88    3.3   89.9      155    2.0   68.5
 22    1.0   42.4       89    3.1   87.5      156    2.0   61.9
 23    1.1   47.0       90    2.8   82.1      157    1.9   54.9
 24    1.5   50.0       91    2.9   74.6      158    2.0   48.5
 25    1.8   46.9       92    3.2   76.9      159    2.1   52.1
 26    1.5   37.6       93    3.7   80.8      160    2.2   57.4
 27    1.2   39.0       94    3.8   82.6      161    2.3   63.1
 28    1.3   52.2       95    3.6   83.3      162    2.6   68.9
 29    1.7   53.3       96    3.1   82.8      163    2.9   74.5
 30    2.1   51.2       97    2.6   82.3      164    3.1   77.5
 31    2.0   47.9       98    2.1   80.0      165    3.2   77.5
 32    1.6   44.6       99    1.8   72.4      166    3.3   76.7
 33    1.4   47.8      100    1.5   63.7      167    3.5   77.6
 34    1.1   47.5      101    1.1   51.5      168    3.5   73.2
 35    1.3   20.6      102    1.0   32.8      169    3.3   66.7
 36    1.8    8.1      103    1.3   22.3      170    3.2   58.2
 37    2.3    5.0      104    1.7   17.9      171    3.2   53.4
 38    2.2    9.7      105    1.9   19.5      172    3.3   52.4
 39    2.0   19.0      106    2.1   27.9      173    3.4   57.6
 40    2.0   29.9      107    2.2   33.9      174    3.8   60.0
 41    2.4   39.8      108    2.2   41.5      175    4.3   53.1
 42    2.9   39.4      109    2.1   41.4      176    4.5   51.9
 43    3.2   35.9      110    1.8   34.7      177    5.2   58.8
 44    3.6   37.3      111    1.6   25.0      178    5.6   56.2
 45    3.9   41.7      112    1.3   10.4      179    5.8   53.2
 46    4.1   45.1      113    1.4    5.1      180    5.8   51.2
 47    4.2   45.3      114    1.2   21.4      181    6.0   52.0
 48    4.5   44.5      115    1.4   31.7      182    5.8   51.0
 49    4.8   44.4      116    1.7   33.1      183    5.5   47.6
 50    5.1   45.9      117    1.9   35.6      184    5.7   49.2
 51    5.3   49.9      118    2.2   45.8      185    5.3   48.4
 52    5.5   53.7      119    2.3   53.0      186    4.9   56.1
 53    5.4   52.2      120    2.3   57.4      187    4.1   60.3
 54    4.8   55.4      121    2.3   56.0      188    3.9   57.1
 55    4.3   58.3      122    2.2   52.8      189    3.8   58.0
 56    4.2   50.9      123    2.2   48.3      190    3.9   57.8
 57    4.5   40.8      124    2.1   43.0      191    4.0   52.5
 58    5.0   35.1      125    2.0   37.2      192    4.6   47.1
 59    5.6   40.6      126    1.9   33.8      193    5.0   40.8
 60    6.0   46.9      127    1.9   31.6      194    5.7   35.6
 61    6.1   50.0      128    1.8   34.0      195    6.1   32.7
 62    5.9   51.1      129    1.6   40.0      196    6.1   32.7
 63    5.3   50.1      130    1.6   46.4
 64    4.6   50.2      131    1.6   59.1
 65    4.3   55.3      132    1.7   70.6
 66    4.3   60.4      133    1.9   79.7
```

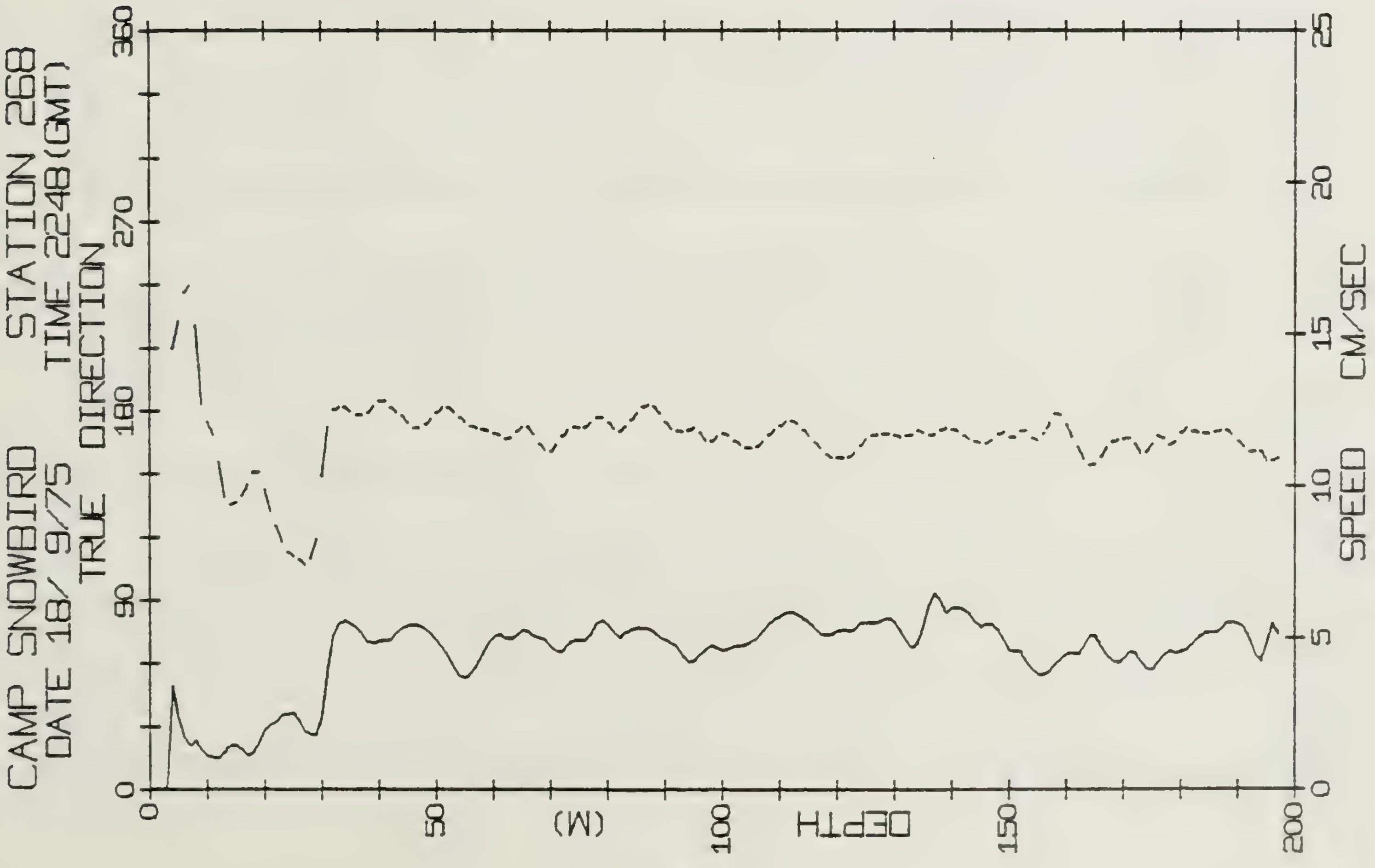

CAMP SNOWBIRD STATION 266
DATE 17/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 267
DATE 18/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 266      (168M.)      17/SEP/75      2243 GMT
LAT= 74.4045N  LONG= 141.0125W  LTER=     0   LGER=     1.
NIVEL=  18.9   EIVEL=  10.7     NVER=     0   EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    1.5   342.5       134    2.3   272.3
  1    0.0   999.9        68    1.3   333.5       135    4.0   297.5
  2    0.0   999.9        69    1.3   333.1       136    4.5   296.7
  3    0.0   999.9        70    1.5   343.5       137    4.5   288.9
  4   18.8    39.4        71    1.6   346.5       138    4.6   285.3
  5   17.8    45.0        72    1.5   341.5       139    4.2   282.1
  6   17.0    47.3        73    1.4   335.9       140    4.0   278.7
  7   16.6    48.4        74    1.5   333.8       141    3.6   278.6
  8   16.4    49.9        75    1.1   336.3       142    2.6   269.8
  9   16.1    52.5        76    0.7   351.3       143    2.1   262.0
 10   15.9    54.0        77    0.5    18.4       144    1.7   247.5
 11   15.3    53.3        78    0.4    17.1       145    1.4   229.2
 12   14.4    53.2        79    0.3   354.5       146    1.3   206.4
 13   13.4    54.3        80    0.4   325.0       147    1.4   183.8
 14   12.9    56.1        81    0.8   303.7       148    1.6   166.1
 15   13.9    53.6        82    1.5   299.1       149    1.9   153.5
 16   14.2    53.7        83    1.7   296.2       150    2.2   144.5
 17   13.8    54.1        84    1.8   293.3       151    2.5   137.9
 18   13.5    53.6        85    1.8   290.2       152    2.8   132.6
 19   12.9    53.0        86    1.7   285.5       153    3.1   128.4
 20   12.1    54.1        87    1.8   284.9       154    3.6   123.9
 21   11.4    54.2        88    1.9   284.5       155    4.0   120.5
 22   10.7    49.9        89    2.0   284.4       156    3.4   119.8
 23   10.4    44.7        90    2.1   285.7       157    2.4   119.9
 24   10.6    42.5        91    2.1   283.8       158    1.9   115.5
 25   10.7    42.8        92    2.3   281.5       159    3.0   111.3
 26   10.5    43.4        93    2.4   281.0       160    3.6   120.2
 27    9.9    42.8        94    2.6   280.2       161    2.5   118.0
 28    9.1    40.6        95    2.9   277.2       162    1.6   114.7
 29    7.7    37.7        96    3.3   274.1       163    1.4   120.0
 30    4.3    35.7        97    3.7   279.3       164    2.5   112.2
 31    2.7    21.3        98    4.3   287.3       165    3.6   106.9
 32    2.1    11.4        99    4.5   286.6       166    3.4   103.7
 33    1.9    10.7       100    3.9   280.1       167    2.2    98.4
 34    1.8    23.2       101    3.1   274.3       168    2.1   109.6
 35    2.3    37.9       102    3.1   272.7
 36    3.1    43.3       103    4.0   279.2
 37    3.2    46.3       104    3.6   274.1
 38    3.0    48.2       105    2.7   270.1
 39    2.5    50.4       106    1.6   270.4
 40    2.4    62.4       107    0.4   255.5
 41    2.6    70.2       108    0.6   203.8
 42    2.9    68.5       109    1.8   263.1
 43    3.1    67.3       110    3.0   278.0
 44    2.9    60.9       111    2.4   270.9
 45    2.7    55.9       112    1.8   256.8
 46    2.4    49.4       113    2.4   261.8
 47    2.1    40.5       114    3.2   274.4
 48    1.8    27.9       115    3.9   274.8
 49    1.9    15.2       116    3.9   271.9
 50    2.0     1.5       117    3.4   265.0
 51    2.1   350.2       118    3.1   265.1
 52    2.4   348.9       119    3.5   276.5
 53    2.9   346.3       120    3.6   278.9
 54    2.9   352.1       121    2.9   271.0
 55    2.6   354.0       122    2.7   265.1
 56    2.6   336.2       123    4.0   275.9
 57    2.8   336.1       124    4.5   283.0
 58    2.5   341.9       125    4.8   285.7
 59    2.0   351.7       126    5.0   283.1
 60    1.6   359.8       127    3.8   275.4
 61    1.4   356.5       128    2.5   261.2
 62    1.5   355.5       129    2.8   265.0
 63    1.5   354.3       130    3.5   277.0
 64    1.5   349.7       131    4.1   279.3
 65    1.3   339.1       132    5.3   287.7
 66    1.5   343.0       133    3.2   273.3
```

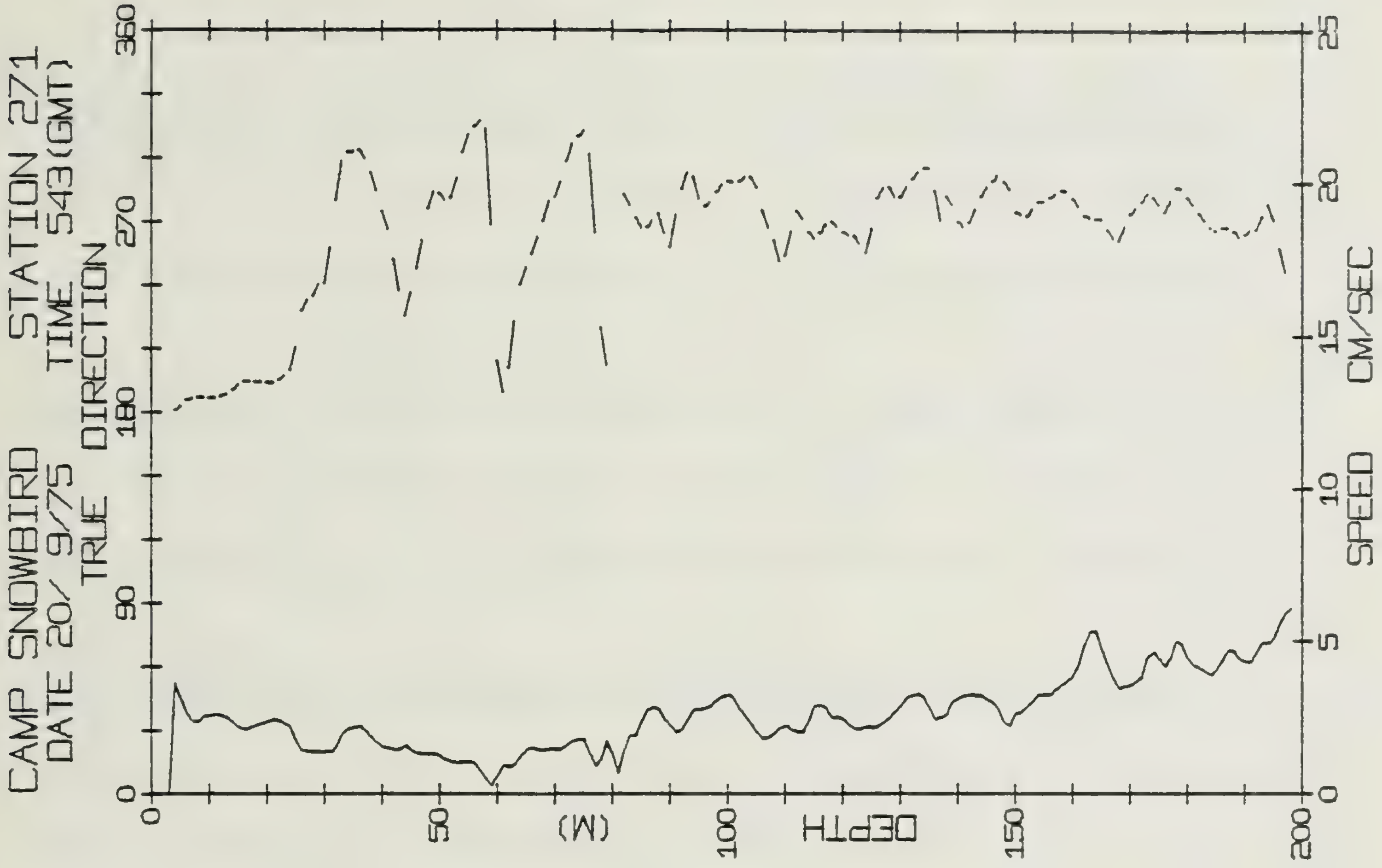
```
SNOWBIRD STATION 267      (197M.)      18/SEP/75       543 GMT
LAT= 74.4095N  LONG= 140.8821W  LTER=     1.  LGER=     1.
NIVEL=  -7.6   EIVEL=   7.5     NVER=     0.  EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    4.8   144.2       134    5.1   154.4
  1    0.0   999.9        68    4.6   144.2       135    5.0   154.9
  2    0.0   999.9        69    4.6   144.8       136    4.9   156.1
  3    0.0   999.9        70    4.9   145.2       137    4.7   157.8
  4   14.6   158.9        71    4.8   145.3       138    4.8   158.1
  5   13.9   164.3        72    4.6   144.2       139    5.1   155.3
  6   13.5   165.6        73    4.4   143.2       140    5.2   153.2
  7   13.2   165.9        74    4.6   141.5       141    5.4   151.6
  8   13.2   166.5        75    4.4   142.5       142    5.5   150.6
  9   13.2   167.4        76    4.3   141.8       143    5.6   150.3
 10   13.2   168.0        77    4.6   135.8       144    5.6   150.6
 11   13.2   168.1        78    5.0   134.4       145    5.3   152.5
 12   12.8   170.1        79    5.0   137.2       146    5.0   154.1
 13   12.3   173.3        80    5.1   143.7       147    5.2   153.1
 14   11.7   174.3        81    5.5   151.9       148    5.5   150.8
 15   11.1   175.8        82    5.4   155.1       149    5.9   149.2
 16   11.5   179.0        83    5.0   153.9       150    6.0   148.2
 17   12.0   179.5        84    4.9   153.2       151    5.8   149.8
 18   12.4   179.9        85    5.0   152.8       152    5.7   151.2
 19   12.3   181.0        86    4.9   150.4       153    5.6   152.6
 20   11.7   183.5        87    4.7   146.3       154    5.5   154.4
 21   11.5   185.3        88    5.1   142.4       155    5.5   153.3
 22   11.0   185.1        89    5.6   140.5       156    5.7   150.8
 23   10.5   186.4        90    5.3   139.6       157    5.8   148.8
 24   10.4   187.9        91    5.0   140.8       158    5.7   148.6
 25   10.5   188.0        92    4.9   143.3       159    5.9   150.5
 26   10.5   187.4        93    4.8   150.1       160    6.1   152.3
 27   10.4   186.7        94    5.5   163.9       161    6.0   152.2
 28   10.4   185.9        95    5.7   171.3       162    5.8   151.3
 29   10.0   184.3        96    5.4   166.0       163    5.7   151.4
 30    9.0   178.3        97    4.9   158.9       164    5.7   154.1
 31    7.3   156.8        98    4.6   155.4       165    5.7   155.8
 32    6.3   151.5        99    4.2   155.9       166    5.8   156.1
 33    5.0   149.8       100    4.1   156.1       167    5.7   154.7
 34    5.1   143.7       101    4.2   155.6       168    5.6   152.1
 35    4.8   144.4       102    4.5   154.5       169    5.4   149.6
 36    4.6   142.8       103    4.4   155.4       170    5.3   149.7
 37    4.6   139.8       104    4.7   150.0       171    5.4   150.4
 38    4.6   140.3       105    5.1   144.4       172    5.7   149.3
 39    4.8   141.6       106    4.7   142.9       173    5.8   147.6
 40    5.2   141.7       107    4.2   142.7       174    5.5   146.6
 41    5.2   138.3       108    4.3   140.3       175    4.9   146.2
 42    5.1   132.4       109    4.5   141.5       176    4.9   146.2
 43    5.1   125.6       110    4.6   144.4       177    4.6   150.2
 44    5.4   125.7       111    4.4   147.2       178    4.4   154.0
 45    5.4   127.5       112    4.1   150.2       179    4.7   152.8
 46    5.0   131.3       113    4.3   157.7       180    4.9   149.3
 47    5.1   141.6       114    4.5   159.6       181    5.1   145.6
 48    4.8   149.7       115    4.6   158.0       182    5.2   142.6
 49    4.4   151.3       116    4.6   153.7       183    5.1   139.5
 50    4.6   145.6       117    4.6   150.6       184    5.0   137.3
 51    4.9   140.8       118    4.7   147.2       185    4.4   138.1
 52    4.8   141.0       119    4.5   145.4       186    4.3   140.7
 53    4.6   141.4       120    4.8   142.8       187    4.4   144.1
 54    4.5   137.8       121    5.2   142.1       188    4.8   144.5
 55    4.9   133.6       122    5.2   143.1       189    5.3   143.4
 56    5.1   133.9       123    5.2   145.4       190    5.6   141.7
 57    5.0   136.1       124    5.3   148.6       191    5.8   139.2
 58    4.8   139.1       125    5.2   152.1       192    5.8   136.7
 59    4.7   142.4       126    5.2   154.3       193    5.6   133.2
 60    4.7   145.2       127    5.2   156.1       194    5.4   127.7
 61    4.7   145.4       128    5.8   152.1       195    5.1   121.6
 62    4.9   146.1       129    5.8   151.2       196    4.5   122.1
 63    5.1   146.8       130    5.5   152.1       197    4.6   122.3
 64    5.2   146.5       131    5.2   153.5
 65    5.2   145.1       132    5.0   155.6
 66    5.1   144.2       133    5.0   155.2
```

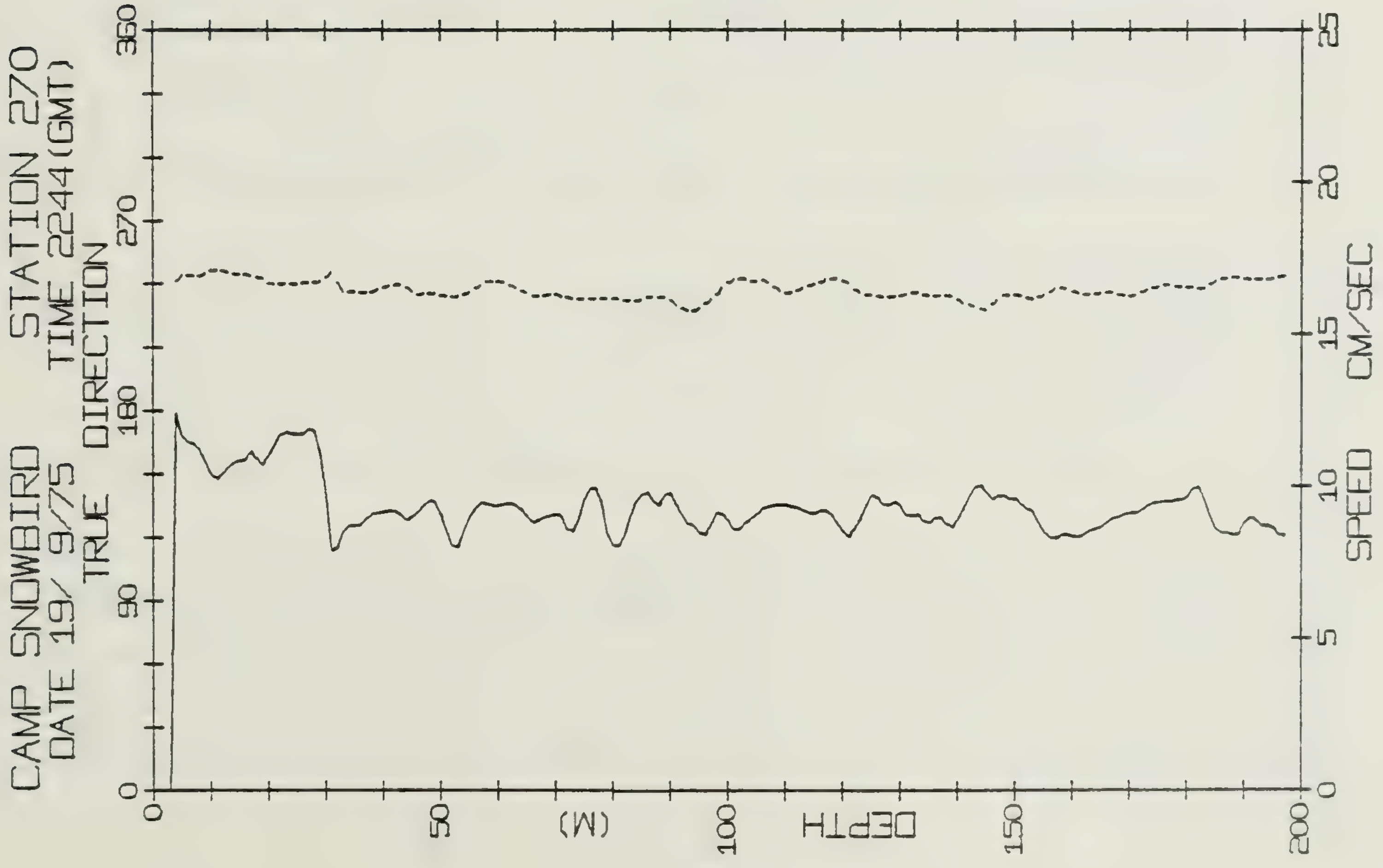

CAMP SNOWBIRD STATION 269
DATE 19/ 9/75 TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
100
150
200
DEPTH (M)


CAMP SNOWBIRD STATION 268
DATE 18/ 9/75 TIME 2248(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
100
150
200
DEPTH (M)

```
SNOWBIRD STATION 268     (197M.)      18/SEP/75      2248 GMT
LAT= 74.3758N  LONG= 140.8456W  LTER=       1.   LCER=      1.
NIVEL=  -9.5    EIVEL=  -3.2     NVER=       0.   EVER=      0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    5.1   168.6    134    4.8   170.4
  1    0.0   999.9     68    5.0   164.2    135    5.3   169.4
  2    0.0   999.9     69    4.9   161.5    136    6.1   168.4
  3    0.0   999.9     70    4.7   160.7    137    6.5   169.0
  4    3.4   209.7     71    4.6   164.0    138    6.3   170.7
  5    2.4   222.2     72    4.6   167.8    139    5.8   172.0
  6    1.7   236.6     73    4.8   170.7    140    6.0   171.0
  7    1.5   239.9     74    4.9   172.1    141    6.0   170.2
  8    1.6   220.4     75    4.9   171.8    142    5.9   168.3
  9    1.3   183.5     76    5.0   172.3    143    5.8   166.4
 10    1.1   174.9     77    5.1   174.3    144    5.5   165.4
 11    1.0   168.7     78    5.5   176.7    145    5.4   164.4
 12    1.0   155.9     79    5.6   176.9    146    5.5   164.6
 13    1.2   139.1     80    5.4   174.5    147    5.4   166.2
 14    1.5   135.7     81    5.2   171.6    148    5.3   168.8
 15    1.5   136.9     82    5.0   170.1    149    5.0   169.8
 16    1.3   139.6     83    5.2   172.6    150    4.6   167.6
 17    1.1   145.0     84    5.3   175.5    151    4.5   167.1
 18    1.2   150.7     85    5.3   178.7    152    4.5   170.2
 19    1.5   151.2     86    5.3   182.0    153    4.2   170.8
 20    2.0   143.0     87    5.3   182.9    154    4.0   167.1
 21    2.1   132.6     88    5.2   182.0    155    3.8   165.7
 22    2.3   125.2     89    5.0   178.7    156    3.8   169.1
 23    2.5   118.1     90    4.9   174.7    157    3.9   173.6
 24    2.5   113.0     91    4.8   171.4    158    4.1   178.5
 25    2.5   110.8     92    4.7   170.4    159    4.3   177.7
 26    2.3   109.4     93    4.4   169.8    160    4.5   173.5
 27    1.9   107.2     94    4.2   170.7    161    4.5   167.3
 28    1.8   110.1     95    4.3   172.0    162    4.5   163.0
 29    1.8   118.8     96    4.4   169.6    163    4.7   157.3
 30    2.4   149.3     97    4.6   165.9    164    5.0   154.5
 31    3.9   172.5     98    4.8   165.3    165    5.1   154.7
 32    5.1   180.7     99    4.7   167.6    166    4.7   157.9
 33    5.5   181.9    100    4.6   169.1    167    4.4   162.1
 34    5.6   181.8    101    4.6   168.0    168    4.2   165.2
 35    5.5   179.8    102    4.7   165.8    169    4.2   166.2
 36    5.3   178.2    103    4.7   164.1    170    4.3   166.7
 37    5.1   177.9    104    4.8   162.5    171    4.5   167.1
 38    4.9   179.1    105    4.9   162.2    172    4.5   164.2
 39    4.8   182.4    106    5.0   163.0    173    4.2   160.0
 40    4.9   184.8    107    5.2   165.4    174    4.0   160.4
 41    4.9   184.7    108    5.5   168.3    175    3.9   164.0
 42    5.0   181.9    109    5.6   170.9    176    4.2   167.8
 43    5.2   179.5    110    5.7   172.7    177    4.4   166.7
 44    5.4   177.6    111    5.8   174.5    178    4.6   164.0
 45    5.4   174.5    112    5.9   175.3    179    4.5   165.2
 46    5.4   172.1    113    5.8   173.8    180    4.6   169.3
 47    5.4   171.8    114    5.7   171.0    181    4.6   171.7
 48    5.3   173.4    115    5.5   168.3    182    4.8   170.1
 49    5.1   175.8    116    5.3   165.2    183    5.0   169.5
 50    4.9   179.1    117    5.1   162.5    184    5.2   169.0
 51    4.7   181.6    118    5.1   159.6    185    5.2   168.8
 52    4.4   181.8    119    5.1   157.7    186    5.2   169.8
 53    4.1   179.6    120    5.3   157.6    187    5.3   170.9
 54    3.7   176.8    121    5.3   157.8    188    5.5   170.6
 55    3.7   174.8    122    5.2   158.2    189    5.5   168.6
 56    3.8   172.8    123    5.3   160.1    190    5.5   165.7
 57    4.1   171.8    124    5.5   163.4    191    5.4   163.2
 58    4.4   171.1    125    5.5   166.5    192    5.0   160.7
 59    4.8   170.3    126    5.5   168.3    193    4.5   160.8
 60    5.0   169.2    127    5.5   168.8    194    4.2   160.9
 61    5.1   168.3    128    5.6   169.1    195    4.8   156.5
 62    5.0   166.7    129    5.7   169.3    196    5.5   156.6
 63    5.0   167.5    130    5.5   168.3    197    5.2   157.4
 64    5.1   170.0    131    5.3   167.5
 65    5.2   172.2    132    4.9   168.3
 66    5.2   172.1    133    4.7   168.7
```

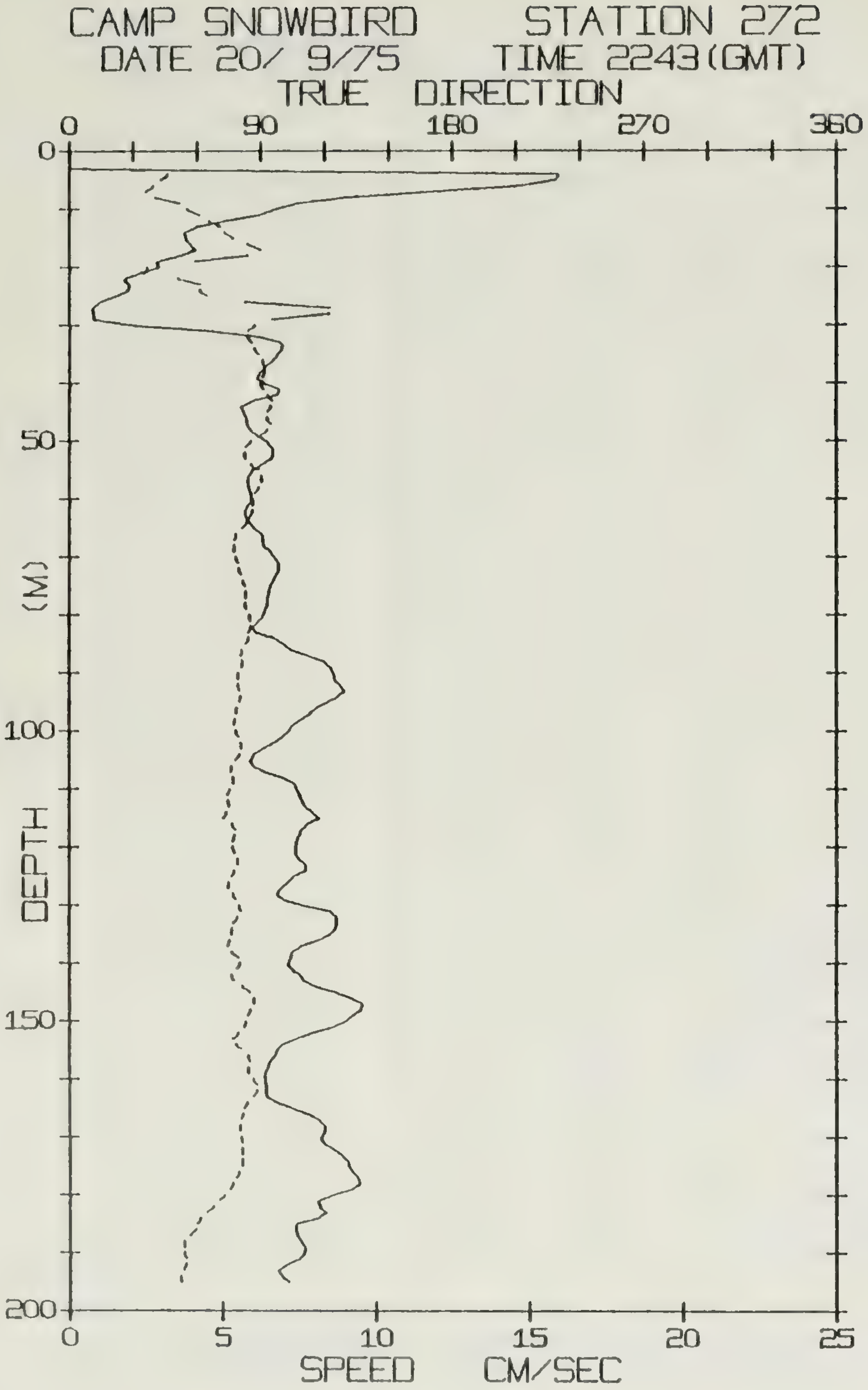
```
SNOWBIRD STATION 269     (196M.)      19/SEP/75       544 GMT
LAT= 74.3556N  LONG= 140.8965W  LTER=       2.   LGER=      3.
NIVEL= -10.5    EIVEL=  -7.4     NVER=       0.   EVER=      0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    6.5   236.5    134    5.5   246.1
  1    0.0   999.9     68    6.5   236.1    135    5.5   245.6
  2    0.0   999.9     69    6.5   235.8    136    5.5   244.1
  3    0.0   999.9     70    6.4   235.8    137    5.6   242.1
  4   11.1   213.3     71    6.4   236.2    138    5.7   243.5
  5    9.3   222.3     72    6.5   237.5    139    5.8   243.7
  6    9.0   221.9     73    6.7   239.2    140    6.1   241.8
  7    8.7   221.7     74    6.8   238.2    141    6.1   239.2
  8    8.4   221.3     75    6.7   238.3    142    6.3   236.1
  9    8.0   220.1     76    6.5   239.8    143    6.3   237.5
 10    7.8   220.4     77    6.3   241.0    144    6.4   238.9
 11    7.6   220.7     78    6.1   241.2    145    6.5   240.2
 12    7.6   220.8     79    5.8   241.3    146    6.8   238.4
 13    7.5   220.7     80    5.6   241.1    147    6.9   234.1
 14    7.4   220.8     81    5.5   240.5    148    7.0   230.9
 15    7.3   220.8     82    5.9   237.2    149    6.8   230.4
 16    7.4   220.4     83    6.7   232.1    150    6.5   231.4
 17    7.6   220.0     84    7.7   227.9    151    6.5   234.2
 18    7.8   219.8     85    7.8   229.7    152    6.9   234.4
 19    7.6   218.7     86    7.7   232.5    153    7.2   235.8
 20    7.4   217.8     87    7.6   233.8    154    7.3   240.5
 21    7.7   218.8     88    7.2   238.8    155    7.6   243.8
 22    7.9   220.7     89    6.6   245.2    156    8.0   245.2
 23    7.9   223.0     90    6.3   244.3    157    7.9   244.2
 24    7.9   223.1     91    6.2   243.2    158    8.0   242.4
 25    7.6   223.1     92    6.1   243.3    159    8.3   240.2
 26    7.3   223.0     93    6.2   242.2    160    7.9   241.0
 27    7.2   222.6     94    6.4   240.2    161    7.5   239.6
 28    7.2   222.4     95    6.6   238.3    162    7.3   237.8
 29    7.5   223.5     96    6.8   236.5    163    7.2   236.8
 30    7.4   225.6     97    7.0   235.3    164    7.2   236.4
 31    6.2   231.0     98    7.1   233.3    165    7.1   237.4
 32    5.2   237.0     99    7.1   231.6    166    7.1   236.8
 33    4.7   240.0    100    6.9   231.9    167    7.3   235.5
 34    4.6   241.7    101    6.9   232.3    168    7.1   232.1
 35    4.8   239.2    102    6.8   233.2    169    7.1   229.9
 36    5.0   234.1    103    6.6   233.9    170    7.1   229.9
 37    5.3   230.5    104    6.3   235.4    171    6.9   232.0
 38    5.6   229.2    105    5.9   237.5    172    6.8   235.3
 39    5.7   229.5    106    5.8   240.0    173    6.7   238.9
 40    5.8   230.3    107    5.8   240.9    174    6.7   242.4
 41    6.0   231.4    108    5.9   241.1    175    6.7   243.4
 42    5.9   233.9    109    5.7   239.9    176    6.6   242.8
 43    5.7   238.8    110    5.6   238.0    177    6.7   241.7
 44    5.7   243.8    111    5.7   236.4    178    6.9   240.2
 45    6.0   245.7    112    6.0   236.5    179    6.9   240.6
 46    6.0   246.9    113    6.1   235.7    180    6.9   239.8
 47    5.7   248.8    114    6.3   232.5    181    7.0   239.3
 48    5.2   249.1    115    6.4   229.8    182    6.6   240.8
 49    4.8   244.9    116    6.5   228.1    183    6.4   242.0
 50    4.5   240.3    117    6.6   228.9    184    6.4   244.0
 51    4.2   237.6    118    6.5   230.7    185    6.7   242.8
 52    4.2   235.9    119    6.3   231.9    186    6.9   240.4
 53    4.2   233.6    120    6.3   234.8    187    7.0   237.8
 54    4.5   230.1    121    6.3   235.6    188    7.0   236.2
 55    5.1   227.8    122    6.3   236.0    189    6.7   235.9
 56    5.5   226.5    123    6.3   236.7    190    6.3   236.5
 57    5.9   226.5    124    6.5   235.5    191    6.0   238.1
 58    6.2   228.1    125    6.6   234.4    192    6.0   238.5
 59    6.5   231.2    126    6.6   235.5    193    6.0   238.5
 60    6.5   235.0    127    6.3   239.5    194    6.0   240.7
 61    6.5   239.4    128    6.1   243.2    195    6.2   241.1
 62    6.4   242.5    129    6.2   240.9    196    6.3   241.0
 63    6.5   242.4    130    6.3   238.8
 64    6.5   238.8    131    6.1   238.2
 65    6.5   236.1    132    6.0   240.4
 66    6.5   236.0    133    5.8   243.5
```

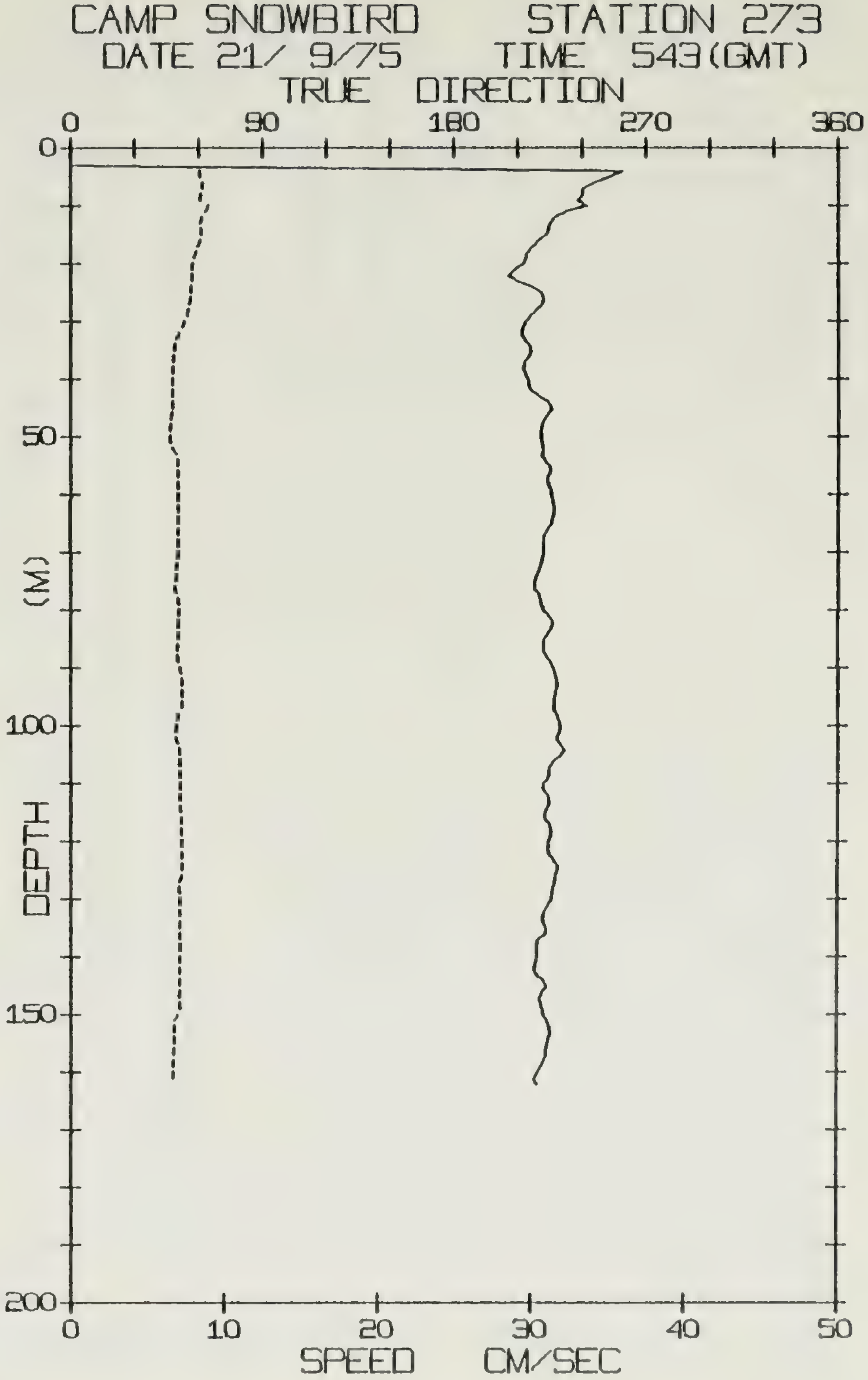

CAMP SNOWBIRD STATION 271
DATE 20/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
100
150
200
DEPTH (M)


CAMP SNOWBIRD STATION 270
DATE 19/ 9/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
0
5
10
15
20
25
SPEED CM/SEC
0
50
100
150
200
DEPTH (M)

```
SNOWBIRD STATION 270     (197M.)      19/SEP/75      2244 GMT
LAT= 74.3237N  LONG= 141.0776W  LTER=     2   LCER=     4.
NIVEL=  -9.3   EIVEL= -12.6     NVER=     0   EVER=     0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    8.9  233.9      134    8.9  234.5
  1    0.0  999.9       68    9.0  234.5      135    8.8  233.7
  2    0.0  999.9       69    9.0  234.8      136    9.0  234.1
  3    0.0  999.9       70    9.1  234.7      137    8.9  234.4
  4   12.4  241.4       71    9.0  233.5      138    8.8  234.3
  5   11.7  243.9       72    8.6  233.0      139    8.7  233.5
  6   11.5  244.0       73    8.5  232.5      140    8.9  232.1
  7   11.4  243.7       74    8.9  232.5      141    9.3  230.1
  8   11.2  243.9       75    9.6  232.6      142    9.7  229.4
  9   10.8  245.0       76    9.9  232.7      143   10.0  228.7
 10   10.4  246.2       77    9.9  232.8      144   10.0  227.7
 11   10.3  246.7       78    9.5  232.6      145    9.8  227.1
 12   10.4  246.1       79    8.5  232.9      146    9.6  229.9
 13   10.6  245.3       80    8.1  232.6      147    9.7  232.7
 14   10.8  244.5       81    8.1  232.2      148    9.7  234.2
 15   10.9  244.3       82    8.4  231.8      149    9.6  234.6
 16   10.9  244.3       83    9.0  231.8      150    9.6  234.3
 17   11.2  243.4       84    9.5  231.8      151    9.4  233.7
 18   10.9  242.9       85    9.7  232.5      152    9.3  232.9
 19   10.7  242.3       86    9.8  233.3      153    9.2  232.2
 20   11.0  240.2       87    9.5  233.7      154    8.8  233.2
 21   11.3  239.7       88    9.4  233.2      155    8.5  234.4
 22   11.7  239.8       89    9.7  233.0      156    8.3  235.9
 23   11.8  240.1       90    9.8  232.0      157    8.3  237.6
 24   11.7  239.6       91    9.4  229.7      158    8.4  237.9
 25   11.7  239.7       92    9.1  228.1      159    8.4  236.9
 26   11.7  240.3       93    8.8  226.9      160    8.3  236.0
 27   11.9  240.5       94    8.7  227.0      161    8.3  235.2
 28   11.8  240.6       95    8.5  228.3      162    8.4  234.6
 29   11.2  241.3       96    8.4  230.5      163    8.5  234.6
 30    9.9  242.9       97    8.7  232.2      164    8.6  235.0
 31    7.9  245.4       98    9.1  234.8      165    8.7  235.5
 32    8.0  240.6       99    9.1  238.0      166    8.8  235.8
 33    8.5  236.3      100    8.9  240.3      167    8.9  235.5
 34    8.7  235.9      101    8.6  242.0      168    9.0  234.5
 35    8.7  235.8      102    8.6  242.5      169    9.1  233.9
 36    8.7  235.6      103    8.8  242.1      170    9.1  233.8
 37    8.9  235.5      104    8.9  241.0      171    9.1  234.6
 38    9.1  236.1      105    9.1  241.0      172    9.2  235.8
 39    9.2  237.3      106    9.3  242.0      173    9.4  236.8
 40    9.2  238.3      107    9.4  240.1      174    9.5  237.8
 41    9.2  239.2      108    9.4  238.3      175    9.5  238.4
 42    9.2  239.7      109    9.4  236.5      176    9.5  239.1
 43    9.1  239.5      110    9.4  235.3      177    9.5  239.0
 44    8.9  238.1      111    9.3  235.7      178    9.6  238.3
 45    9.0  236.2      112    9.3  236.7      179    9.6  238.0
 46    9.2  234.8      113    9.2  238.1      180    9.7  237.9
 47    9.4  235.3      114    9.1  239.0      181    9.9  237.8
 48    9.6  235.4      115    9.1  239.9      182   10.0  237.4
 49    9.5  234.8      116    9.2  240.4      183    9.6  237.6
 50    9.1  234.3      117    9.2  242.2      184    9.0  239.3
 51    8.5  233.8      118    9.1  242.6      185    8.6  241.2
 52    8.0  233.6      119    8.8  242.4      186    8.5  242.4
 53    8.0  234.3      120    8.5  241.3      187    8.4  242.7
 54    8.5  234.9      121    8.3  239.7      188    8.4  242.9
 55    9.0  236.1      122    8.6  237.3      189    8.4  242.8
 56    9.3  237.7      123    8.9  235.3      190    8.8  242.1
 57    9.5  239.3      124    9.3  234.3      191    9.0  241.8
 58    9.4  240.9      125    9.7  234.1      192    8.9  241.8
 59    9.4  241.3      126    9.6  233.7      193    8.7  242.2
 60    9.4  241.1      127    9.4  233.2      194    8.7  242.1
 61    9.4  240.3      128    9.4  233.5      195    8.6  242.5
 62    9.5  239.0      129    9.5  234.1      196    8.4  243.3
 63    9.4  237.8      130    9.4  234.5      197    8.4  243.7
 64    9.2  236.5      131    9.0  234.9
 65    9.0  235.2      132    9.1  235.6
 66    8.8  234.1      133    9.1  235.8
```

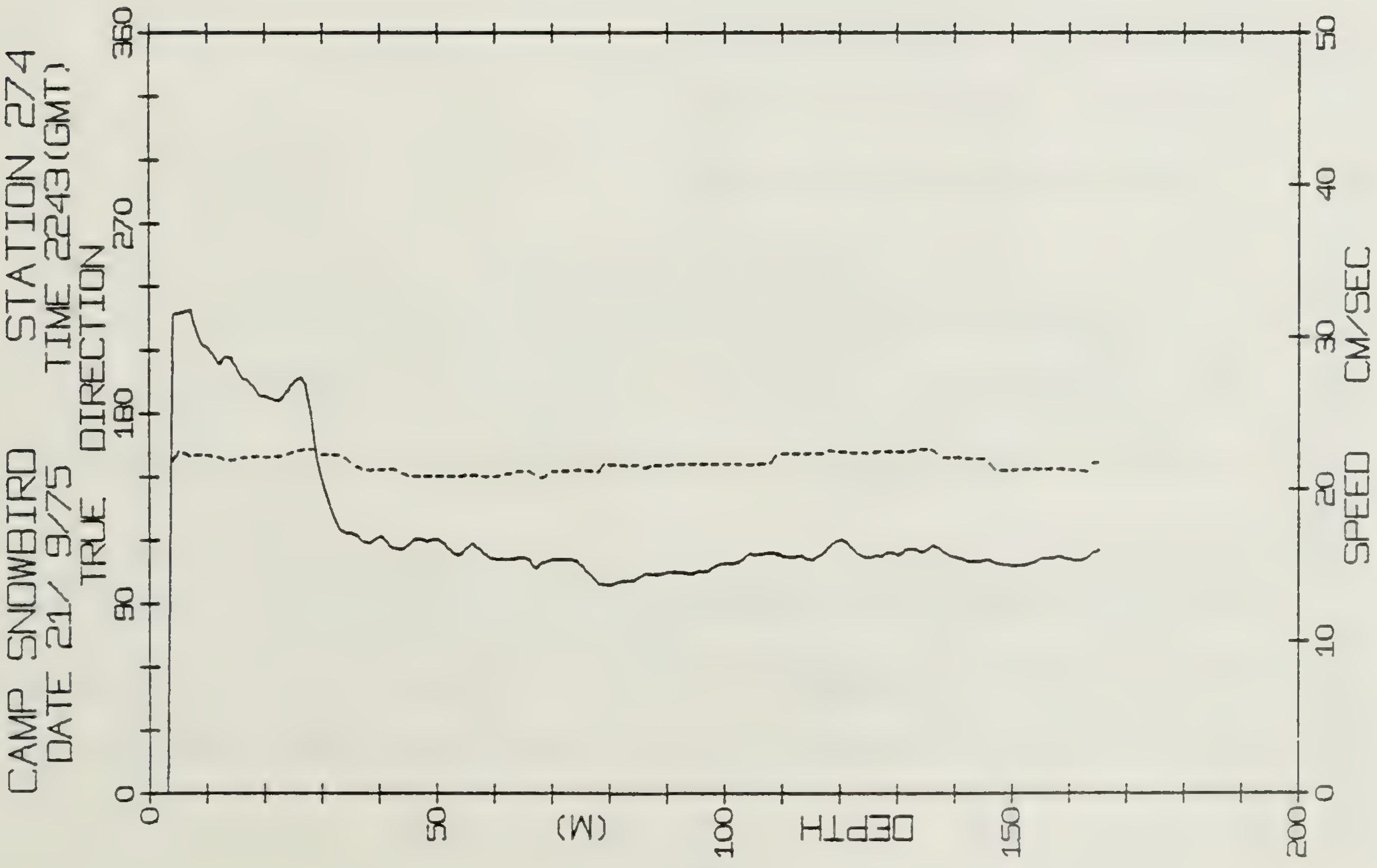
```
SNOWBIRD STATION 271     (198M.)      20/SEP/75   .   543 GMT
LAT= 74.3128N  LONG= 141.1259W  LTER=     0.  LCER=     1.
NIVEL=  -6.3   EIVEL=   0.2     NVER=     0   EVER=     0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    1.4  262.3      134    3.1  295.4
  1    0.0  999.9       68    1.5  270.4      135    2.8  295.4
  2    0.0  999.9       69    1.5  279.2      136    2.5  284.6
  3    0.0  999.9       70    1.4  281.5      137    2.5  270.9
  4    3.6  180.9       71    1.5  288.4      138    2.6  281.8
  5    3.1  183.0       72    1.6  298.3      139    3.0  278.2
  6    2.7  186.0       73    1.7  306.2      140    3.1  270.3
  7    2.4  186.6       74    1.8  310.1      141    3.2  267.5
  8    2.4  187.5       75    1.8  312.5      142    3.3  269.7
  9    2.5  186.9       76    1.4  301.6      143    3.2  275.8
 10    2.6  187.0       77    0.9  264.5      144    3.2  282.0
 11    2.6  187.3       78    1.1  220.2      145    3.1  286.3
 12    2.6  188.1       79    1.7  202.4      146    3.0  289.2
 13    2.5  189.0       80    1.3  204.1      147    2.8  292.1
 14    2.3  190.9       81    0.7  272.7      148    2.4  289.2
 15    2.2  193.1       82    1.4  282.7      149    2.2  285.2
 16    2.1  194.6       83    1.9  277.9      150    2.6  274.8
 17    2.2  194.6       84    1.9  272.1      151    2.7  273.3
 18    2.2  194.4       85    2.3  267.5      152    2.9  272.8
 19    2.3  194.3       86    2.7  267.5      153    3.0  276.1
 20    2.4  194.3       87    2.9  270.5      154    3.3  279.5
 21    2.4  194.2       88    2.7  273.6      155    3.3  279.8
 22    2.4  195.5       89    2.4  264.3      156    3.3  281.4
 23    2.3  197.3       90    2.2  258.1      157    3.4  283.2
 24    2.2  199.7       91    2.0  273.1      158    3.6  284.6
 25    1.8  210.6       92    2.1  285.3      159    3.7  284.2
 26    1.4  228.0       93    2.4  293.1      160    3.9  281.3
 27    1.4  232.6       94    2.7  291.1      161    4.2  277.4
 28    1.4  234.9       95    2.8  281.0      162    4.9  273.2
 29    1.4  240.5       96    2.8  277.3      163    5.3  271.6
 30    1.4  241.0       97    2.9  279.5      164    5.4  271.1
 31    1.4  257.3       98    3.1  284.0      165    4.8  271.1
 32    1.5  280.2       99    3.2  287.2      166    4.3  266.3
 33    1.9  298.2      100    3.3  288.9      167    3.8  262.3
 34    2.1  302.7      101    3.1  288.4      168    3.5  261.0
 35    2.2  303.2      102    2.8  289.1      169    3.5  267.4
 36    2.2  304.0      103    2.6  290.8      170    3.6  273.6
 37    2.1  300.0      104    2.3  290.9      171    3.7  276.6
 38    1.9  293.1      105    2.0  286.3      172    3.9  279.4
 39    1.7  284.7      106    1.8  275.4      173    4.5  283.3
 40    1.6  274.9      107    1.9  267.8      174    4.6  281.6
 41    1.5  266.9      108    2.0  261.0      175    4.4  278.1
 42    1.4  252.1      109    2.2  251.6      176    4.2  275.0
 43    1.5  237.7      110    2.2  254.0      177    4.4  279.6
 44    1.6  225.8      111    2.1  265.2      178    5.0  286.0
 45    1.4  236.2      112    2.0  275.0      179    4.9  285.8
 46    1.3  248.0      113    2.0  271.5      180    4.4  281.5
 47    1.3  260.9      114    2.3  265.1      181    4.2  277.8
 48    1.3  276.0      115    2.9  262.3      182    4.1  274.4
 49    1.3  283.8      116    2.9  264.9      183    4.0  270.6
 50    1.2  283.1      117    2.8  268.7      184    3.9  267.5
 51    1.1  279.8      118    2.5  270.0      185    4.1  265.7
 52    1.0  281.2      119    2.5  267.7      186    4.4  267.3
 53    1.0  290.0      120    2.4  265.0      187    4.7  267.5
 54    1.1  302.6      121    2.3  263.4      188    4.7  265.6
 55    1.0  310.8      122    2.1  263.0      189    4.4  262.7
 56    1.0  314.8      123    2.1  259.1      190    4.3  264.2
 57    0.8  317.3      124    2.2  255.5      191    4.3  266.3
 58    0.5  313.7      125    2.2  266.5      192    4.6  266.5
 59    0.3  268.8      126    2.2  281.3      193    5.0  272.4
 60    0.6  204.3      127    2.3  285.9      194    4.9  278.2
 61    0.9  189.9      128    2.5  286.7      195    5.1  270.8
 62    0.9  201.1      129    2.7  281.8      196    5.6  257.6
 63    1.0  222.5      130    2.9  281.7      197    5.9  246.6
 64    1.2  240.6      131    3.1  286.3      198    6.1  246.2
 65    1.4  248.0      132    3.3  290.2
 66    1.5  254.7      133    3.3  293.4
```

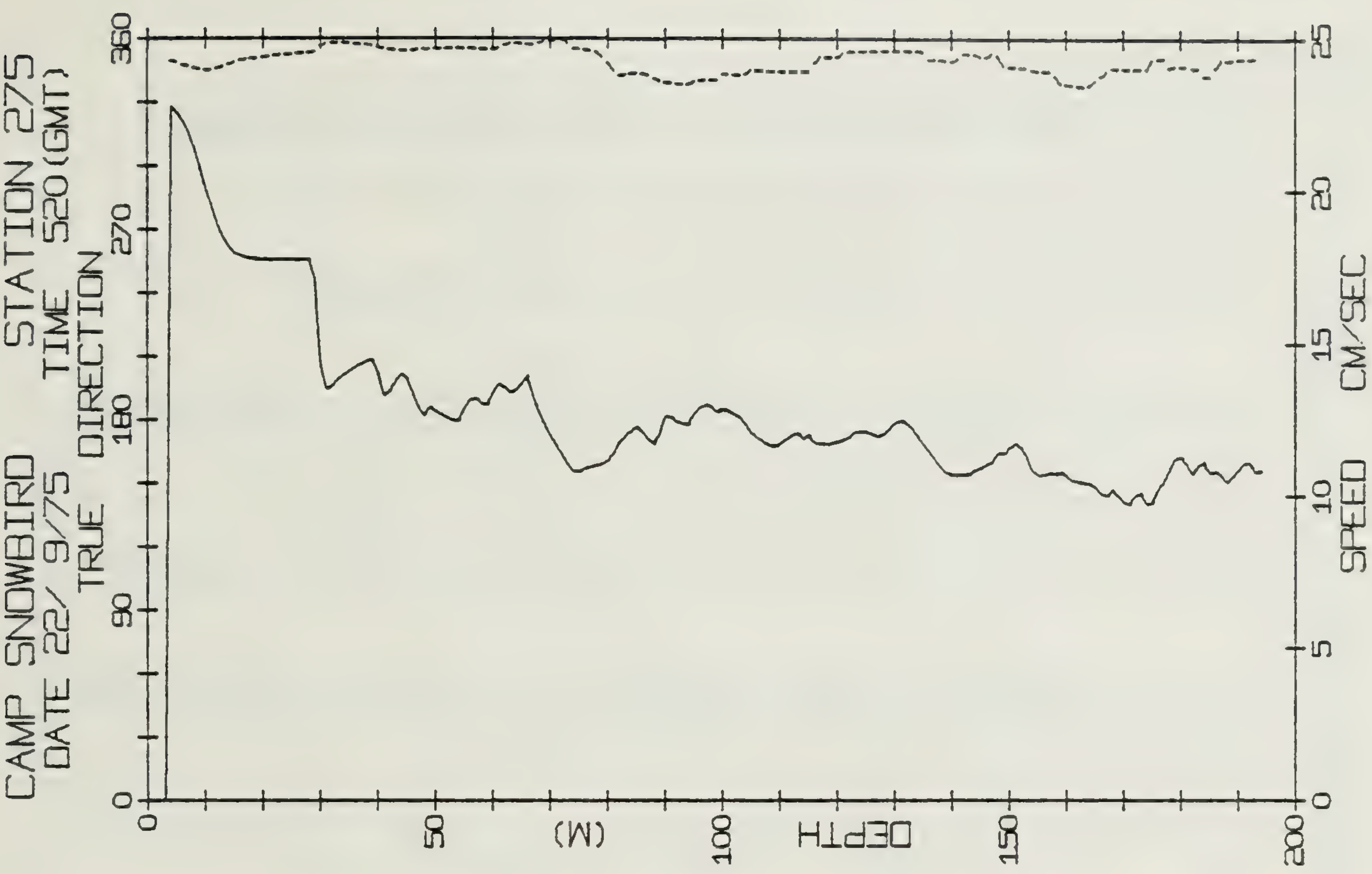

CAMP SNOWBIRD STATION 272
DATE 20/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 273
DATE 21/ 9/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
10
20
30
40
50
SPEED CM/SEC

```
SNOWBIRD STATION 272     (195M.)      20/SEP/75      2243 GMT
LAT= 74.2985N  LONG= 140.9709W  LTER=     0   LGER=     0.
NIVEL=  13.4   EIVEL=  12.1     NVER=     0.  EVER=     0.

 DPT     SPD     DRN      DPT     SPD     DRN      DPT     SPD     DRN
   0     0.0   999.9       67     6.3    77.7      134     8.7    76.3
   1     0.0   999.9       68     6.4    77.5      135     8.5    76.0
   2     0.0   999.9       69     6.6    77.3      136     8.1    75.2
   3     0.0   999.9       70     6.7    78.4      137     7.6    74.3
   4    16.0    46.4       71     6.8    79.4      138     7.3    76.3
   5    15.9    43.1       72     6.8    80.0      139     7.2    79.5
   6    14.7    39.4       73     6.7    80.7      140     7.1    80.3
   7    11.8    36.0       74     6.6    81.7      141     7.3    78.4
   8     9.0    40.3       75     6.5    82.9      142     7.5    76.3
   9     7.4    51.9       76     6.5    83.1      143     7.6    77.3
  10     6.7    55.4       77     6.5    83.0      144     8.0    81.3
  11     6.2    61.0       78     6.5    82.6      145     8.7    84.9
  12     5.1    65.6       79     6.4    83.5      146     9.2    86.6
  13     4.2    70.3       80     6.3    84.6      147     9.6    86.5
  14     3.8    73.1       81     6.2    85.3      148     9.5    85.2
  15     3.8    77.0       82     6.0    85.2      149     9.3    83.6
  16     3.9    83.9       83     6.1    84.1      150     9.0    82.8
  17     4.1    89.5       84     6.7    84.2      151     8.6    82.0
  18     3.6    83.6       85     7.0    82.8      152     7.9    79.5
  19     2.9    59.5       86     7.2    81.1      153     7.4    77.0
  20     2.9    36.7       87     7.8    80.6      154     6.9    78.3
  21     2.3    35.2       88     8.3    81.4      155     6.7    81.2
  22     1.8    51.2       89     8.5    80.8      156     6.7    84.0
  23     1.9    61.3       90     8.6    79.2      157     6.5    85.0
  24     1.9    61.4       91     8.7    78.9      158     6.5    83.9
  25     1.5    64.6       92     8.8    79.5      159     6.4    84.3
  26     1.0    83.1       93     9.0    80.0      160     6.4    86.4
  27     0.7   122.3       94     8.8    80.5      161     6.4    88.3
  28     0.8   121.9       95     8.4    79.7      162     6.4    88.0
  29     0.8    95.6       96     8.0    78.6      163     6.5    86.1
  30     2.1    87.0       97     7.8    78.0      164     6.8    83.5
  31     4.6    84.1       98     7.6    77.7      165     7.3    82.1
  32     6.2    84.0       99     7.3    77.2      166     7.8    81.4
  33     6.9    85.8      100     7.1    78.4      167     8.1    80.2
  34     6.9    87.0      101     7.0    79.7      168     8.3    79.9
  35     6.8    88.8      102     6.7    80.7      169     8.3    79.8
  36     6.6    90.6      103     6.3    80.8      170     8.2    80.7
  37     6.4    91.6      104     6.0    79.9      171     8.3    81.5
  38     6.2    91.5      105     5.9    78.2      172     8.6    81.2
  39     6.1    90.6      106     6.0    76.2      173     8.9    81.0
  40     6.3    90.1      107     6.4    75.7      174     9.1    81.3
  41     6.8    91.1      108     7.0    77.1      175     9.1    81.1
  42     6.8    93.1      109     7.3    77.0      176     9.2    79.8
  43     6.0    95.2      110     7.5    75.4      177     9.4    78.3
  44     5.6    94.6      111     7.5    74.2      178     9.5    76.6
  45     5.7    92.8      112     7.6    74.8      179     9.2    75.4
  46     5.8    92.6      113     7.7    75.3      180     8.6    72.9
  47     5.8    94.5      114     8.0    73.8      181     8.1    69.9
  48     5.9    93.0      115     8.2    72.5      182     8.2    67.4
  49     6.1    90.0      116     7.8    76.5      183     8.4    64.3
  50     6.4    85.2      117     7.6    78.0      184     8.1    61.4
  51     6.6    83.0      118     7.5    77.7      185     7.4    59.9
  52     6.7    82.3      119     7.4    76.6      186     7.4    59.0
  53     6.6    82.8      120     7.4    76.9      187     7.4    56.5
  54     6.3    85.5      121     7.4    77.8      188     7.6    53.9
  55     6.0    88.7      122     7.5    79.1      189     7.7    53.6
  56     5.8    90.2      123     7.7    79.3      190     7.6    54.0
  57     5.8    90.2      124     7.7    77.6      191     7.5    54.6
  58     5.9    88.8      125     7.3    76.2      192     7.1    54.4
  59     5.9    87.1      126     7.1    74.9      193     6.8    53.3
  60     5.9    86.2      127     6.9    74.5      194     6.9    52.2
  61     5.8    86.4      128     6.8    76.9      195     7.1    52.3
  62     5.7    85.9      129     7.0    78.4
  63     5.8    84.8      130     7.6    79.9
  64     5.9    83.4      131     8.5    80.9
  65     6.0    81.1      132     8.7    78.9
  66     6.3    78.2      133     8.7    77.1
```

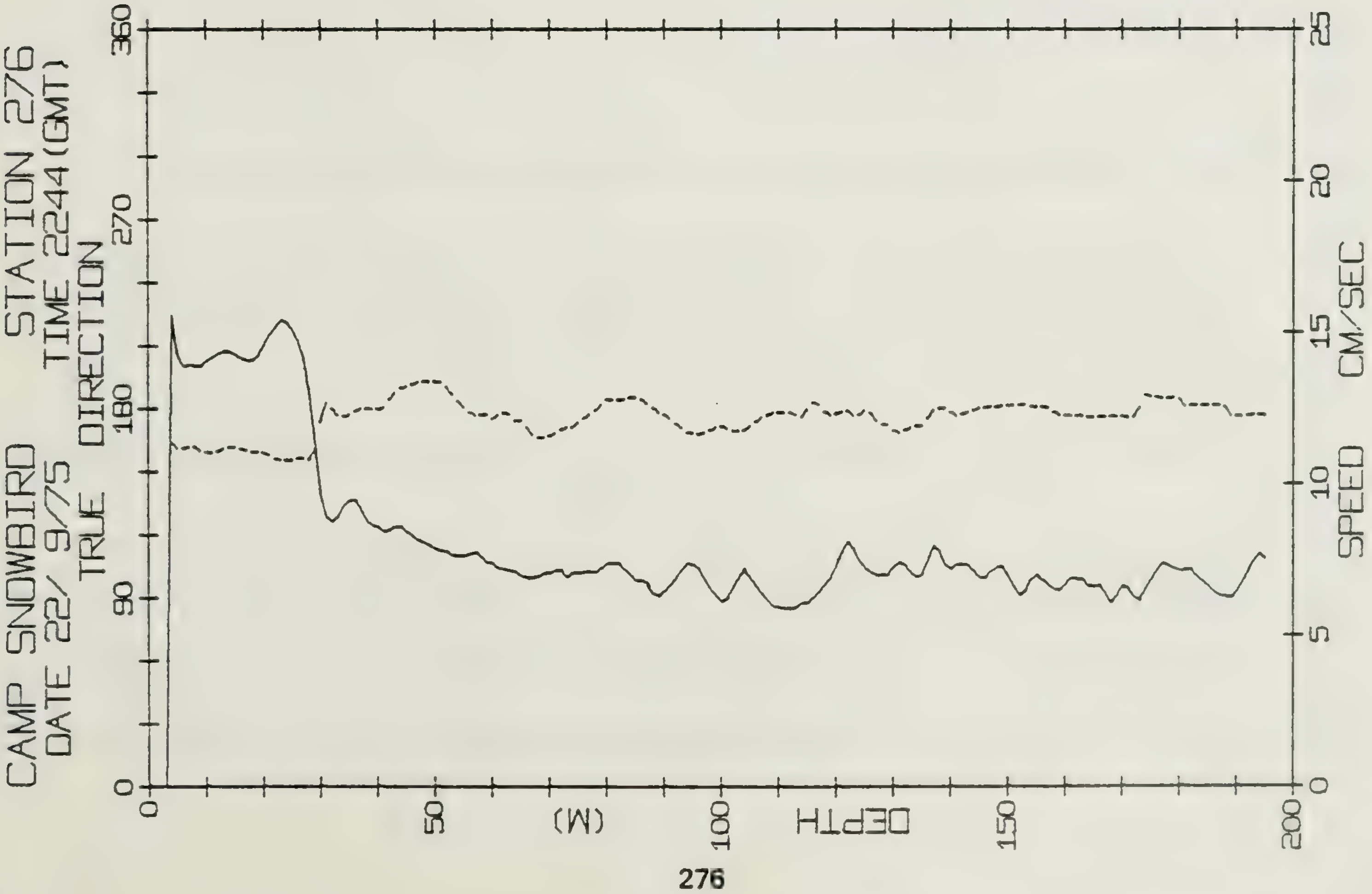
```
SNOWBIRD STATION 273     (162M.)      21/SEP/75       543 GMT
LAT= 74.3346N  LONG= 140.7983W  LTER=     0.  LGER=     0.
NIVEL=  14.0   EIVEL=  26.5     NVER=     0   EVER=     0.

 DPT     SPD     DRN      DPT     SPD     DRN      DPT     SPD     DRN
   0     0.0   999.9       67    30.9    50.5      134    30.9    51.3
   1     0.0   999.9       68    30.8    50.5      135    31.0    51.3
   2     0.0   999.9       69    30.8    50.4      136    30.9    51.3
   3     0.0   999.9       70    30.8    50.3      137    30.5    51.3
   4    35.9    60.2       71    30.7    50.2      138    30.4    51.4
   5    35.1    60.8       72    30.6    50.0      139    30.4    51.2
   6    34.1    61.9       73    30.5    49.7      140    30.4    51.1
   7    33.4    61.7       74    30.3    49.6      141    30.3    51.1
   8    33.3    60.7       75    30.2    49.3      142    30.2    51.0
   9    33.0    60.4       76    30.2    48.9      143    30.4    51.1
  10    33.7    64.3       77    30.5    49.8      144    30.8    51.0
  11    32.3    63.1       78    30.7    50.6      145    31.1    51.1
  12    31.5    61.4       79    30.7    51.0      146    30.8    51.2
  13    31.2    60.5       80    30.9    51.1      147    30.6    51.2
  14    31.1    61.1       81    31.2    50.9      148    30.7    51.3
  15    31.0    61.4       82    31.4    50.6      149    30.8    51.4
  16    30.5    60.5       83    31.3    50.4      150    30.9    50.2
  17    30.1    59.3       84    31.1    50.3      151    31.1    48.6
  18    29.8    58.6       85    30.8    50.3      152    31.2    48.5
  19    29.7    57.6       86    30.8    50.3      153    31.3    48.8
  20    29.5    57.0       87    30.9    50.2      154    31.1    48.8
  21    28.9    56.8       88    31.1    50.2      155    31.0    48.6
  22    28.6    56.7       89    31.3    50.8      156    31.0    48.5
  23    29.1    56.6       90    31.5    51.4      157    31.0    48.3
  24    30.1    56.5       91    31.6    52.1      158    30.8    48.2
  25    30.7    56.4       92    31.7    52.6      159    30.6    48.3
  26    30.9    56.1       93    31.7    52.7      160    30.4    48.2
  27    30.7    55.5       94    31.6    52.6      161    30.2    48.3
  28    30.3    54.9       95    31.5    52.5      162    30.4    48.3
  29    30.0    54.4       96    31.5    52.4
  30    29.7    53.3       97    31.5    51.9
  31    29.5    52.1       98    31.7    50.6
  32    29.4    50.9       99    31.9    49.9
  33    29.6    49.8      100    31.9    49.5
  34    29.9    48.9      101    31.8    49.4
  35    30.0    48.6      102    31.7    49.6
  36    29.9    48.3      103    31.9    50.6
  37    29.6    48.1      104    32.2    51.3
  38    29.5    48.0      105    32.0    51.4
  39    29.7    47.7      106    31.5    51.2
  40    29.8    47.7      107    31.3    51.6
  41    29.9    47.8      108    31.2    51.6
  42    30.1    48.0      109    31.1    51.5
  43    30.6    48.0      110    30.8    51.4
  44    31.2    48.1      111    30.9    51.5
  45    31.4    47.9      112    31.1    51.7
  46    31.1    47.5      113    31.2    51.7
  47    30.8    47.1      114    31.1    51.7
  48    30.7    46.8      115    30.9    51.9
  49    30.7    46.7      116    31.0    52.1
  50    30.7    46.9      117    31.2    52.2
  51    30.8    47.2      118    31.4    52.3
  52    30.8    48.1      119    31.3    52.4
  53    30.7    49.8      120    31.1    52.5
  54    30.9    50.6      121    31.1    52.5
  55    31.2    50.7      122    31.2    52.5
  56    31.3    50.8      123    31.5    52.6
  57    31.0    50.9      124    31.8    52.7
  58    31.2    50.8      125    31.7    52.6
  59    31.3    50.7      126    31.6    51.9
  60    31.4    50.7      127    31.5    50.9
  61    31.5    50.8      128    31.4    51.1
  62    31.5    50.8      129    31.3    51.2
  63    31.5    50.8      130    31.3    51.4
  64    31.4    50.6      131    31.1    51.4
  65    31.3    50.5      132    30.9    51.4
  66    31.1    50.5      133    30.7    51.4
```

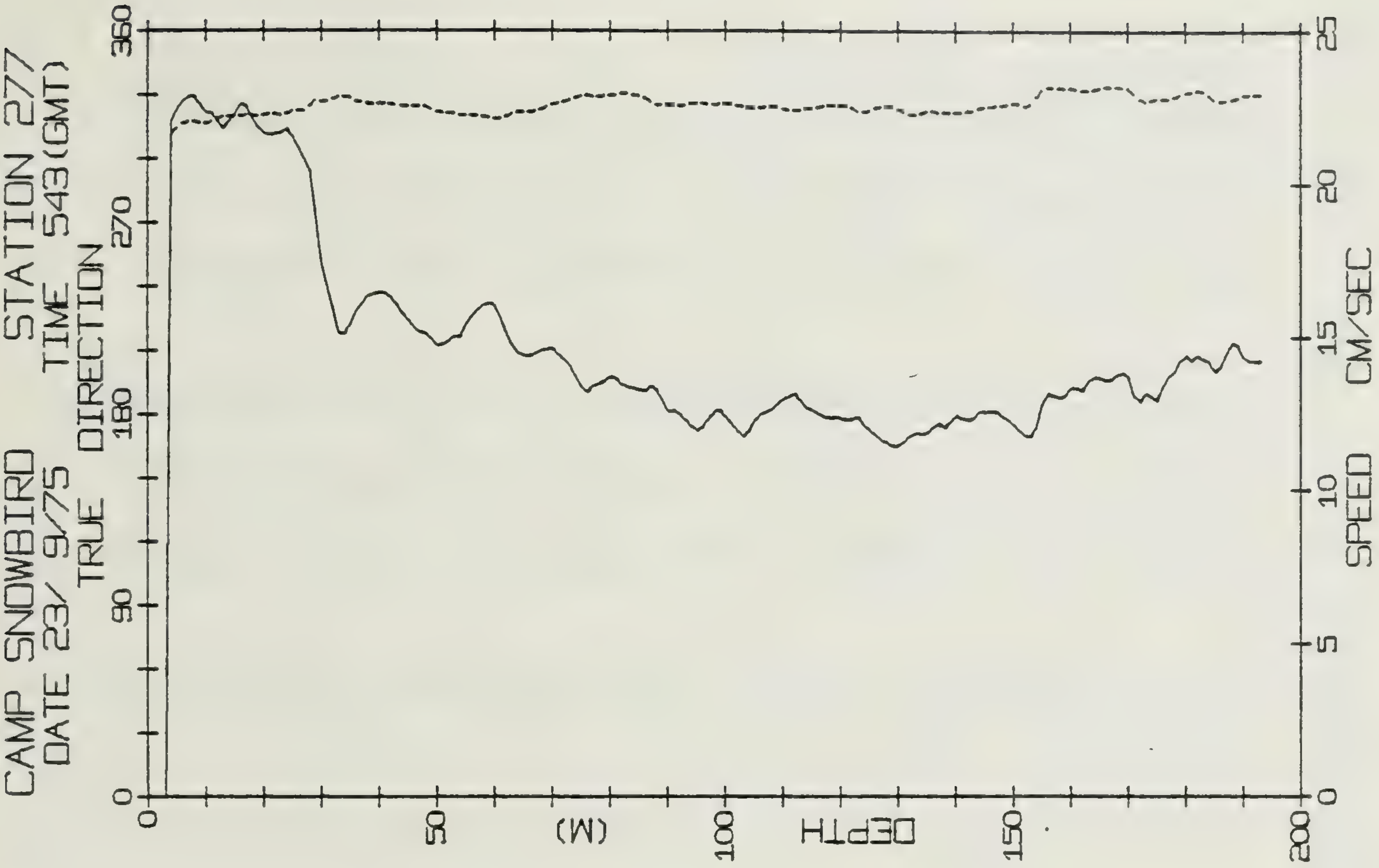

CAMP SNOWBIRD STATION 274
DATE 21/ 9/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
10
20
30
40
50
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 275
DATE 22/ 9/75 TIME 520(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 274     (165M.)      21/SEP/75      2243 GMT
LAT= 74.3056N  LONG= 140.2905W  LTER=      2.   LGER=      4.
NIVEL= -31.6    EIVEL=  18.0     NVER=      0    EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   14.8   150.7      134   15.9   163.2
  1    0.0   999.9       68   15.1   149.4      135   16.0   162.9
  2    0.0   999.9       69   15.3   150.5      136   16.3   162.3
  3    0.0   999.9       70   15.4   152.3      137   16.2   160.6
  4   31.5   157.4       71   15.4   152.7      138   15.9   159.0
  5   31.6   161.6       72   15.4   152.7      139   15.6   158.6
  6   31.7   161.3       73   15.4   152.8      140   15.5   158.6
  7   31.8   159.9       74   15.3   152.9      141   15.4   158.6
  8   30.5   160.4       75   15.0   152.8      142   15.3   158.5
  9   29.5   160.7       76   14.6   152.6      143   15.3   158.4
 10   29.3   160.1       77   14.2   152.4      144   15.2   158.3
 11   28.8   159.5       78   13.8   152.2      145   15.4   158.2
 12   28.3   159.0       79   13.7   155.7      146   15.3   156.0
 13   28.7   157.8       80   13.7   155.5      147   15.1   153.2
 14   28.6   157.6       81   13.8   155.5      148   15.1   152.8
 15   28.0   158.4       82   14.0   155.1      149   15.0   152.7
 16   27.3   159.3       83   14.0   154.9      150   15.0   153.0
 17   27.1   159.4       84   14.0   155.5      151   15.0   153.3
 18   26.7   159.7       85   14.2   155.4      152   15.1   153.6
 19   26.2   159.8       86   14.4   154.1      153   15.1   153.8
 20   26.1   159.3       87   14.4   154.7      154   15.3   153.7
 21   26.0   159.4       88   14.4   155.4      155   15.5   153.5
 22   25.8   159.7       89   14.5   155.4      156   15.5   153.5
 23   26.1   160.1       90   14.6   155.6      157   15.5   153.3
 24   26.6   161.1       91   14.6   155.8      158   15.6   153.2
 25   27.1   162.1       92   14.5   156.0      159   15.5   153.2
 26   27.4   163.0       93   14.5   156.0      160   15.4   153.0
 27   27.0   163.2       94   14.4   155.9      161   15.3   152.7
 28   25.0   163.3       95   14.6   155.8      162   15.4   152.3
 29   22.1   162.8       96   14.6   155.7      163   15.5   152.0
 30   20.5   160.7       97   14.7   155.8      164   15.8   156.1
 31   19.3   160.6       98   14.9   155.9      165   16.0   156.2
 32   18.2   160.3       99   15.1   156.0
 33   17.4   160.1      100   15.2   155.9
 34   17.1   158.7      101   15.2   155.9
 35   17.1   156.5      102   15.2   155.7
 36   16.9   154.5      103   15.4   155.5
 37   16.6   153.2      104   15.8   155.4
 38   16.4   152.9      105   15.7   155.8
 39   16.7   153.0      106   15.8   155.9
 40   16.9   153.2      107   15.8   155.9
 41   16.6   153.4      108   15.9   156.5
 42   16.2   153.7      109   15.8   160.3
 43   16.1   152.8      110   15.6   161.1
 44   16.1   151.5      111   15.5   161.2
 45   16.4   150.2      112   15.6   161.2
 46   16.7   150.1      113   15.7   161.0
 47   16.7   150.2      114   15.5   161.2
 48   16.6   150.3      115   15.3   161.3
 49   16.7   150.3      116   15.6   161.1
 50   16.7   150.0      117   15.8   160.9
 51   16.5   150.0      118   16.2   162.3
 52   16.1   150.1      119   16.5   162.1
 53   15.7   150.1      120   16.7   161.6
 54   15.7   150.3      121   16.5   161.5
 55   16.2   150.6      122   16.2   161.3
 56   16.4   150.8      123   15.8   161.3
 57   16.2   150.4      124   15.6   161.3
 58   15.8   149.9      125   15.5   161.4
 59   15.5   149.9      126   15.6   161.7
 60   15.4   150.2      127   15.6   162.1
 61   15.4   150.5      128   15.8   161.8
 62   15.4   151.2      129   15.8   161.9
 63   15.5   151.9      130   15.6   162.1
 64   15.5   152.5      131   16.0   161.9
 65   15.5   152.8      132   16.1   162.1
 66   15.3   152.3      133   16.1   162.7
```

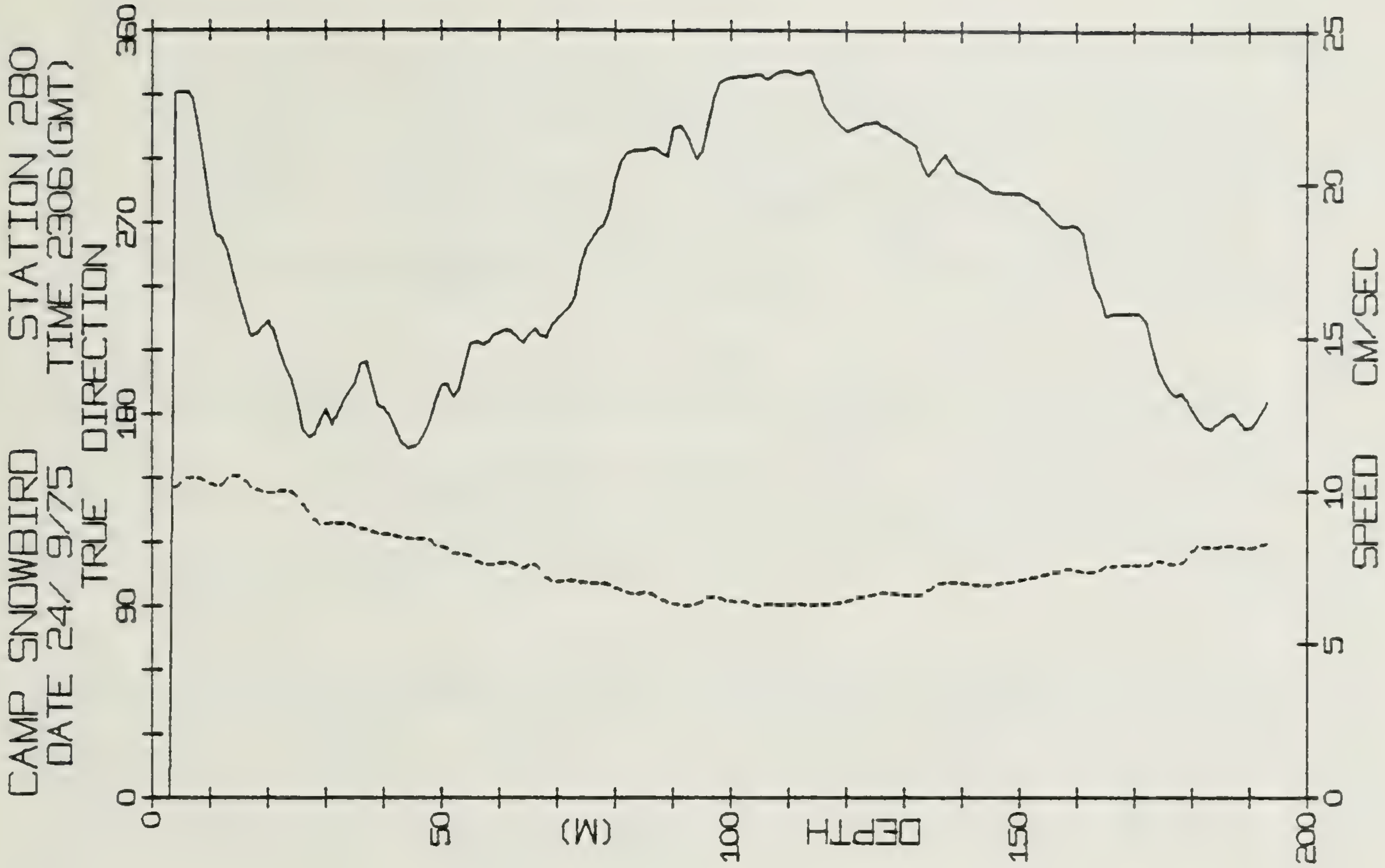
```
SNOWBIRD STATION 275     (194M.)      22/SEP/75       520 GMT
LAT= 74.2858N  LONG= 140.3758W  LTER=      0.   LGER=      0.
NIVEL=  20.2    EIVEL=  -2.7     NVER=      0.   EVER=      0.

DFT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   13.3   357.7      134   12.0   354.8
  1    0.0   999.9       68   12.8   358.3      135   11.7   353.8
  2    0.0   999.9       69   12.3   358.8      136   11.5   350.7
  3    0.0   999.9       70   12.0   359.1      137   11.2   350.3
  4   22.8   349.6       71   11.7   359.4      138   11.0   350.0
  5   22.6   348.7       72   11.4   359.7      139   10.8   349.7
  6   22.3   347.7       73   11.1   358.1      140   10.7   349.5
  7   21.9   346.7       74   10.8   355.6      141   10.7   351.0
  8   21.4   345.8       75   10.8   354.9      142   10.7   352.9
  9   20.8   345.2       76   10.9   354.6      143   10.7   352.9
 10   20.1   345.0       77   11.0   354.2      144   10.9   352.9
 11   19.5   345.3       78   11.0   353.5      145   10.9   351.8
 12   18.9   346.0       79   11.1   351.5      146   11.0   351.8
 13   18.5   346.9       80   11.2   348.7      147   11.1   353.5
 14   18.2   348.1       81   11.4   345.0      148   11.4   352.4
 15   18.0   349.2       82   11.8   342.7      149   11.4   347.8
 16   17.9   350.0       83   12.0   343.2      150   11.6   346.7
 17   17.8   350.6       84   12.1   343.5      151   11.7   346.7
 18   17.8   351.0       85   12.3   343.6      152   11.6   346.4
 19   17.8   351.3       86   12.1   343.1      153   11.3   345.9
 20   17.8   351.7       87   11.9   342.4      154   10.8   345.1
 21   17.7   352.0       88   11.7   341.2      155   10.7   344.7
 22   17.7   352.3       89   12.0   339.8      156   10.7   344.6
 23   17.7   352.6       90   12.6   339.0      157   10.8   344.5
 24   17.7   352.9       91   12.6   339.0      158   10.7   342.4
 25   17.7   353.1       92   12.4   338.6      159   10.8   339.2
 26   17.7   353.3       93   12.4   338.5      160   10.6   338.6
 27   17.7   353.5       94   12.4   338.6      161   10.5   338.1
 28   17.8   353.7       95   12.7   339.7      162   10.5   337.8
 29   17.1   354.2       96   12.9   340.3      163   10.4   337.5
 30   14.3   356.8       97   13.0   340.6      164   10.4   338.4
 31   13.5   358.0       98   12.9   340.4      165   10.3   340.5
 32   13.6   358.1       99   12.8   341.0      166   10.1   342.4
 33   13.8   358.0      100   12.9   343.1      167   10.0   344.7
 34   14.0   357.9      101   12.8   343.0      168   10.2   346.3
 35   14.1   357.7      102   12.7   342.9      169   10.0   346.1
 36   14.2   357.4      103   12.6   342.8      170    9.8   345.8
 37   14.4   357.2      104   12.4   343.5      171    9.7   345.7
 38   14.4   357.1      105   12.1   345.3      172   10.0   346.1
 39   14.5   356.7      106   11.9   345.0      173   10.1   346.2
 40   14.0   355.7      107   11.8   344.7      174    9.7   345.7
 41   13.3   355.2      108   11.7   344.4      175    9.8   350.7
 42   13.4   354.7      109   11.6   344.3      176   10.2   351.0
 43   13.7   354.3      110   11.7   344.3      177   10.5   351.0
 44   14.0   354.3      111   11.9   344.5      178   10.9   346.7
 45   13.9   354.5      112   12.0   344.5      179   11.2   347.3
 46   13.4   354.7      113   12.1   344.6      180   11.3   347.3
 47   12.9   355.0      114   11.9   344.2      181   11.0   346.9
 48   12.6   355.1      115   12.0   344.2      182   10.7   346.4
 49   12.9   355.0      116   11.8   348.8      183   11.0   346.0
 50   12.8   355.2      117   11.7   351.3      184   11.1   342.7
 51   12.7   355.4      118   11.7   351.3      185   10.8   342.1
 52   12.6   355.6      119   11.8   351.3      186   10.8   346.2
 53   12.5   355.7      120   11.8   351.4      187   10.7   349.9
 54   12.5   355.7      121   11.9   353.7      188   10.5   350.2
 55   12.9   355.4      122   11.9   354.3      189   10.6   350.6
 56   13.2   355.2      123   12.1   354.3      190   10.9   351.1
 57   13.2   355.1      124   12.1   354.4      191   11.1   351.2
 58   13.1   355.1      125   12.1   354.5      192   11.1   351.2
 59   13.0   355.1      126   12.0   354.6      193   10.8   351.1
 60   13.4   354.7      127   12.0   354.7      194   10.8   351.1
 61   13.7   355.8      128   12.0   354.8
 62   13.6   357.1      129   12.2   354.8
 63   13.4   357.9      130   12.4   354.8
 64   13.5   357.7      131   12.5   354.8
 65   13.7   357.4      132   12.4   354.8
 66   13.9   357.1      133   12.2   354.8
```

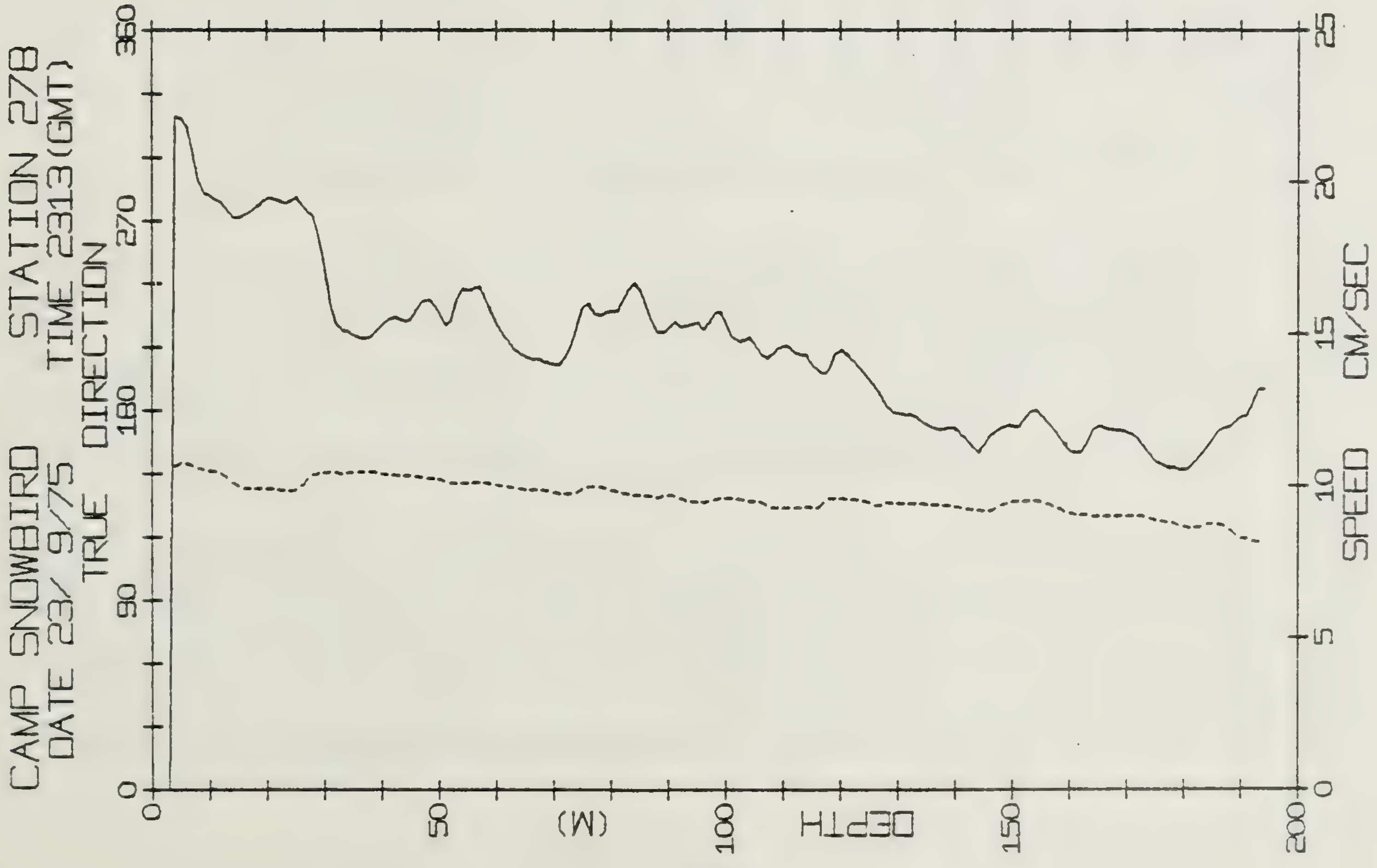

CAMP SNOWBIRD
DATE 22/ 9/75
STATION 276
TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 23/ 9/75
STATION 277
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 276     (195M.)      22/SEP/75      2244 GMT
LAT= 74.2838N  LONG= 140.4418W  LTER=     1    LGER=     1.
NIVEL= -19.5   EIVEL=    0.5    NVER=     0    EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    6.9   167.6       134    6.9   171.6
  1    0.0   999.9        68    7.0   166.0       135    7.0   171.7
  2    0.0   999.9        69    7.1   166.0       136    7.5   175.2
  3    0.0   999.9        70    7.1   167.0       137    7.9   178.8
  4   15.6   163.9        71    7.1   168.3       138    7.8   180.1
  5   14.3   161.4        72    7.2   170.0       139    7.3   180.1
  6   13.9   161.2        73    6.9   171.0       140    7.2   178.2
  7   13.9   162.0        74    7.1   171.1       141    7.3   176.4
  8   13.9   161.8        75    7.1   173.2       142    7.4   177.3
  9   13.9   159.9        76    7.1   175.2       143    7.3   178.1
 10   14.1   159.2        77    7.1   177.2       144    7.1   179.1
 11   14.2   158.9        78    7.1   178.9       145    6.9   180.2
 12   14.3   159.8        79    7.2   181.5       146    6.9   180.6
 13   14.4   161.0        80    7.4   184.0       147    7.1   181.1
 14   14.4   161.7        81    7.4   184.1       148    7.3   181.2
 15   14.3   161.7        82    7.4   184.1       149    7.3   181.4
 16   14.1   160.8        83    7.2   184.6       150    7.0   181.6
 17   14.1   159.9        84    7.0   185.3       151    6.6   181.9
 18   14.1   159.4        85    6.8   185.4       152    6.3   182.0
 19   14.2   159.4        86    6.8   184.4       153    6.4   181.7
 20   14.6   158.8        87    6.7   182.6       154    6.8   181.0
 21   14.9   157.9        88    6.4   180.5       155    7.0   180.6
 22   15.2   156.2        89    6.3   178.1       156    6.8   180.8
 23   15.4   155.5        90    6.5   176.8       157    6.7   180.3
 24   15.3   155.2        91    6.6   175.1       158    6.5   178.1
 25   15.1   155.2        92    6.9   172.9       159    6.5   176.5
 26   14.7   156.5        93    7.2   170.8       160    6.7   176.4
 27   14.2   156.6        94    7.4   168.6       161    6.9   176.2
 28   13.0   155.6        95    7.3   167.8       162    6.9   176.1
 29   11.4   160.9        96    7.2   167.6       163    6.8   176.0
 30    9.7   173.6        97    6.9   168.5       164    6.6   175.7
 31    8.9   182.9        98    6.5   169.6       165    6.6   175.6
 32    8.8   180.1        99    6.3   170.7       166    6.7   176.0
 33    8.9   176.6       100    6.1   171.4       167    6.4   176.0
 34    9.3   175.9       101    6.2   170.3       168    6.1   176.1
 35    9.5   177.2       102    6.6   169.2       169    6.3   176.2
 36    9.5   178.7       103    6.9   168.9       170    6.6   175.9
 37    9.2   180.1       104    7.2   169.5       171    6.5   175.6
 38    8.8   180.1       105    6.9   171.5       172    6.3   175.9
 39    8.6   179.6       106    6.7   173.5       173    6.1   180.2
 40    8.6   179.6       107    6.4   175.6       174    6.5   186.2
 41    8.4   181.0       108    6.2   176.7       175    6.8   185.5
 42    8.5   184.2       109    6.0   178.0       176    7.1   185.1
 43    8.6   187.6       110    5.9   178.0       177    7.4   184.8
 44    8.6   189.7       111    5.9   177.9       178    7.3   184.9
 45    8.4   190.6       112    5.9   177.9       179    7.2   185.3
 46    8.3   191.6       113    5.9   176.7       180    7.1   184.6
 47    8.1   192.5       114    6.1   175.7       181    7.2   181.1
 48    8.1   193.0       115    6.1   179.4       182    7.2   181.5
 49    8.0   192.9       116    6.2   182.7       183    7.0   181.7
 50    7.9   192.8       117    6.4   181.7       184    6.8   181.7
 51    7.8   192.3       118    6.7   178.2       185    6.6   181.7
 52    7.8   190.3       119    6.9   176.5       186    6.4   181.5
 53    7.6   186.8       120    7.3   177.6       187    6.3   181.3
 54    7.6   183.7       121    7.7   178.5       188    6.3   181.0
 55    7.6   180.6       122    8.1   178.9       189    6.2   176.3
 56    7.7   178.2       123    7.9   176.5       190    6.4   176.0
 57    7.8   176.6       124    7.5   176.8       191    6.7   176.3
 58    7.6   176.9       125    7.2   179.0       192    7.1   176.7
 59    7.4   177.2       126    7.1   178.1       193    7.5   177.0
 60    7.4   175.1       127    7.0   174.1       194    7.7   177.0
 61    7.2   176.7       128    7.0   172.4       195    7.6   176.4
 62    7.2   177.8       129    7.0   172.0
 63    7.1   177.1       130    7.3   169.4
 64    7.1   174.2       131    7.4   168.3
 65    7.0   174.1       132    7.3   169.6
 66    6.9   171.2       133    7.1   170.7
```

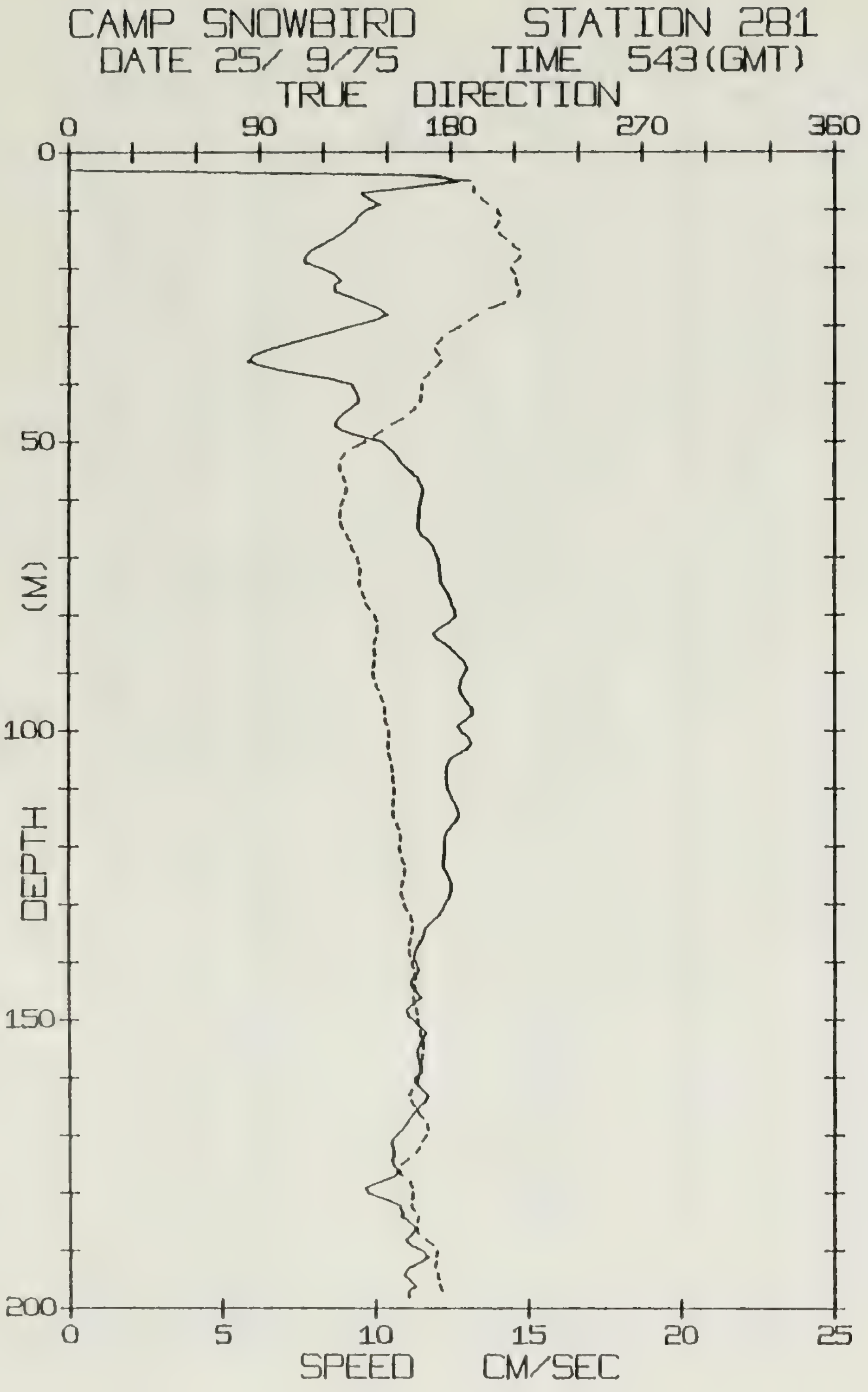
```
SNOWBIRD STATION 277     (193M.)      23/SEP/75       543 GMT
LAT= 74.2628N  LONG= 140.6395W  LTER=     2.   LGER=     3.
NIVEL=  11.3   EIVEL= -18.2     NVER=     0.   EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   14.5   322.6       134   11.8   321.6
  1    0.0   999.9        68   14.6   323.4       135   11.9   322.7
  2    0.0   999.9        69   14.6   324.6       136   12.1   322.6
  3    0.0   999.9        70   14.6   325.7       137   12.2   321.8
  4   22.1   310.7        71   14.5   326.3       138   12.0   321.8
  5   22.5   314.3        72   14.3   326.9       139   12.2   321.9
  6   22.7   316.6        73   14.1   327.7       140   12.4   322.0
  7   22.9   317.8        74   13.7   328.6       141   12.4   322.2
  8   22.8   317.5        75   13.4   329.5       142   12.3   322.5
  9   22.6   316.7        76   13.2   329.9       143   12.4   323.1
 10   22.3   316.6        77   13.4   329.0       144   12.6   324.1
 11   22.3   317.6        78   13.5   329.3       145   12.6   324.6
 12   22.1   319.0        79   13.6   329.8       146   12.6   324.9
 13   21.8   320.0        80   13.7   329.7       147   12.6   325.1
 14   22.1   320.2        81   13.6   329.9       148   12.4   325.3
 15   22.3   319.9        82   13.5   330.8       149   12.3   326.0
 16   22.6   320.4        83   13.4   331.0       150   12.1   326.5
 17   22.5   320.6        84   13.3   329.9       151   12.0   325.9
 18   22.2   320.4        85   13.3   329.3       152   11.8   325.0
 19   21.9   319.9        86   13.3   328.6       153   11.8   326.1
 20   21.7   320.6        87   13.4   326.8       154   12.1   329.3
 21   21.6   321.2        88   13.3   325.4       155   12.8   332.5
 22   21.7   320.9        89   13.0   325.4       156   13.2   333.7
 23   21.7   320.3        90   12.6   325.4       157   13.1   333.6
 24   21.8   321.4        91   12.6   324.8       158   13.0   333.4
 25   21.5   322.7        92   12.5   324.9       159   13.1   333.3
 26   21.2   322.9        93   12.3   325.4       160   13.4   333.3
 27   20.8   322.5        94   12.1   325.9       161   13.3   332.7
 28   20.5   324.9        95   12.0   326.3       162   13.2   332.3
 29   19.0   327.7        96   12.1   326.0       163   13.6   332.1
 30   17.4   326.9        97   12.3   325.4       164   13.7   332.7
 31   16.7   327.2        98   12.6   325.3       165   13.7   333.7
 32   15.9   328.2        99   12.6   326.1       166   13.6   334.0
 33   15.1   329.2       100   12.4   326.1       167   13.6   333.9
 34   15.1   329.2       101   12.2   325.5       168   13.8   333.8
 35   15.4   328.5       102   12.0   324.9       169   13.8   333.4
 36   15.9   326.9       103   11.8   324.5       170   13.7   332.9
 37   16.1   326.5       104   11.9   324.0       171   13.1   330.8
 38   16.4   325.7       105   12.3   323.8       172   12.9   328.2
 39   16.4   325.7       106   12.5   324.2       173   13.2   326.8
 40   16.5   326.0       107   12.6   324.6       174   13.1   327.8
 41   16.4   326.1       108   12.7   324.9       175   12.9   328.9
 42   16.3   325.5       109   12.8   324.3       176   13.4   328.6
 43   16.1   324.9       110   13.0   323.4       177   13.7   328.3
 44   15.8   324.5       111   13.1   322.9       178   13.9   329.4
 45   15.6   324.6       112   13.2   322.5       179   14.2   330.6
 46   15.3   324.6       113   12.9   323.1       180   14.4   331.3
 47   15.2   324.6       114   12.7   323.8       181   14.3   331.5
 48   15.1   324.4       115   12.6   324.0       182   14.4   332.3
 49   14.9   323.2       116   12.5   324.5       183   14.3   331.7
 50   14.8   321.9       117   12.4   325.1       184   14.2   330.1
 51   14.8   321.6       118   12.4   325.2       185   13.9   327.6
 52   14.9   321.4       119   12.4   324.8       186   14.0   327.2
 53   15.0   321.4       120   12.3   324.9       187   14.5   327.9
 54   15.0   320.4       121   12.3   324.8       188   14.8   328.6
 55   15.4   320.4       122   12.4   323.8       189   14.8   329.0
 56   15.7   320.4       123   12.4   322.1       190   14.4   330.1
 57   15.9   320.1       124   12.1   322.1       191   14.2   330.5
 58   16.1   319.7       125   12.0   323.0       192   14.2   330.5
 59   16.1   319.3       126   11.8   323.9       193   14.2   330.6
 60   16.0   318.8       127   11.6   324.7
 61   15.6   319.1       128   11.5   325.0
 62   15.1   320.0       129   11.4   324.5
 63   14.8   321.4       130   11.5   323.3
 64   14.5   322.2       131   11.6   321.9
 65   14.4   321.9       132   11.8   321.0
 66   14.4   322.0       133   11.9   320.7
```

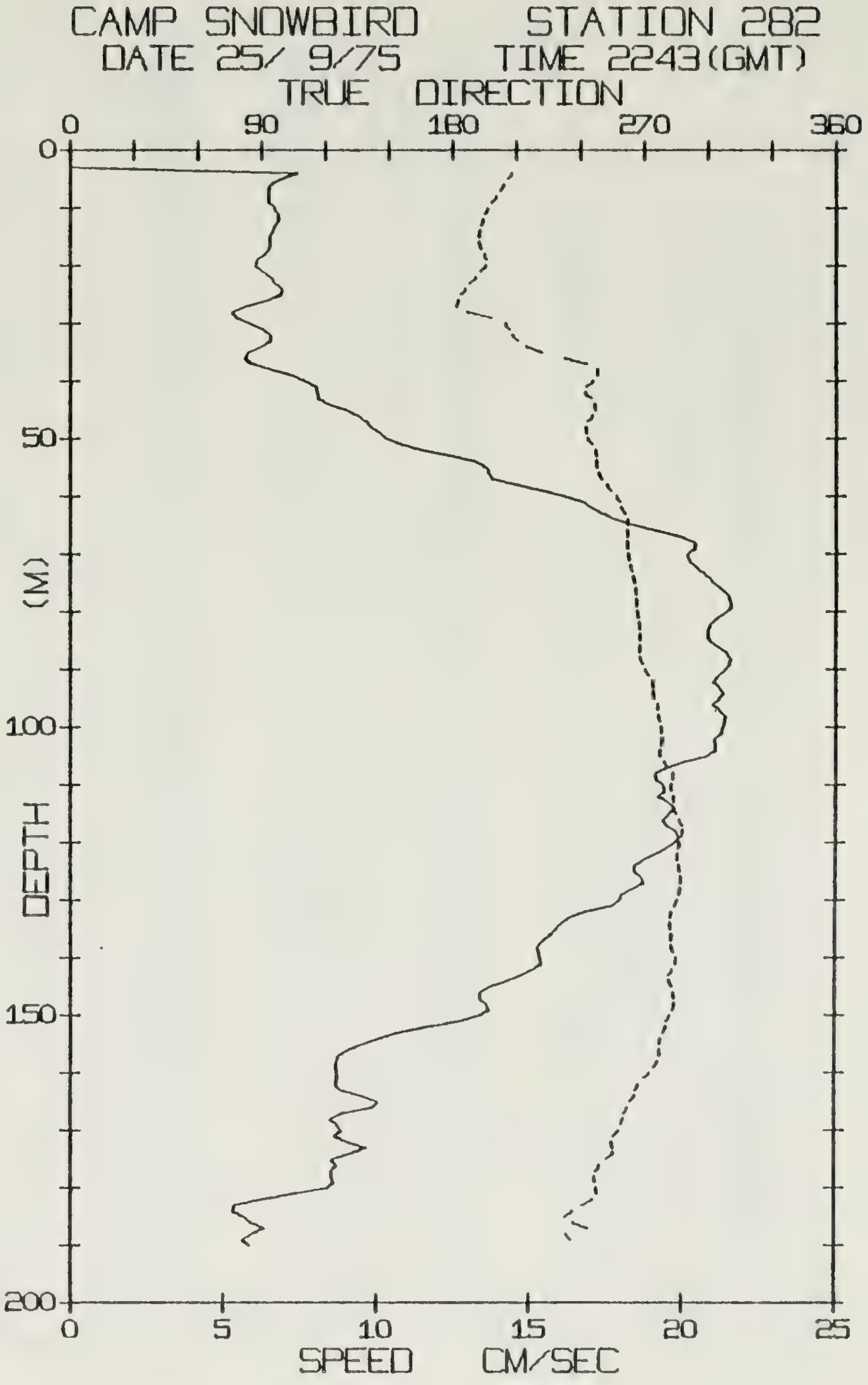

CAMP SNOWBIRD STATION 280
DATE 24/ 9/75 TIME 2306(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 278
DATE 23/ 9/75 TIME 2313(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 278     (194M.)      23/SEP/75     2313 GMT
LAT= 74.2271N  LONG= 140.6608W  LTER=     20.  LGER=     41
NIVEL= -20.4    EIVEL=  15.5     NVER=      0.  EVER=      1.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67  14.2  142.2      134  12.1  135.3
  1   0.0  999.9       68  14.1  141.9      135  12.0  135.1
  2   0.0  999.9       69  14.0  141.3      136  11.9  134.9
  3   0.0  999.9       70  14.0  140.7      137  11.8  134.7
  4  22.2  153.6       71  14.0  140.2      138  11.9  134.6
  5  22.1  154.9       72  14.2  140.2      139  11.9  134.4
  6  21.8  154.6       73  14.6  140.5      140  11.9  134.1
  7  21.0  153.4       74  15.2  141.4      141  11.7  133.5
  8  20.1  152.4       75  15.9  142.8      142  11.5  133.0
  9  19.7  151.3       76  16.0  143.7      143  11.3  132.6
 10  19.6  150.9       77  15.7  143.4      144  11.1  132.3
 11  19.4  150.5       78  15.6  143.4      145  11.3  132.2
 12  19.3  149.7       79  15.7  142.6      146  11.6  132.3
 13  19.1  148.0       80  15.8  141.8      147  11.8  133.6
 14  18.9  145.3       81  15.8  141.0      148  11.9  135.1
 15  18.9  144.0       82  16.1  140.3      149  12.0  136.1
 16  18.9  142.8       83  16.5  139.9      150  12.0  136.7
 17  19.1  142.7       84  16.7  139.5      151  11.9  137.1
 18  19.2  142.8       85  16.5  139.4      152  12.2  137.1
 19  19.3  142.7       86  16.0  139.2      153  12.4  137.4
 20  19.5  142.5       87  15.4  138.8      154  12.5  137.1
 21  19.5  142.4       88  15.1  138.5      155  12.3  136.3
 22  19.4  142.3       89  15.0  139.4      156  12.1  135.3
 23  19.3  141.8       90  15.2  139.7      157  11.9  134.4
 24  19.4  141.6       91  15.4  139.1      158  11.7  133.2
 25  19.5  142.4       92  15.3  138.0      159  11.4  131.8
 26  19.3  144.3       93  15.3  136.8      160  11.2  130.7
 27  19.0  147.0       94  15.3  136.4      161  11.1  130.1
 28  18.9  149.4       95  15.4  136.2      162  11.1  130.0
 29  18.2  150.3       96  15.2  136.2      163  11.4  130.2
 30  17.3  150.6       97  15.4  137.0      164  11.8  129.3
 31  16.0  150.6       98  15.7  137.7      165  12.0  129.6
 32  15.4  150.4       99  15.7  138.4      166  11.9  129.3
 33  15.1  149.7      100  15.3  138.4      167  11.9  129.4
 34  15.1  150.2      101  14.9  138.3      168  11.8  129.6
 35  15.0  150.6      102  14.8  137.7      169  11.8  129.8
 36  14.9  151.0      103  14.8  136.9      170  11.8  129.9
 37  14.9  151.0      104  14.9  136.6      171  11.7  129.8
 38  14.9  150.8      105  14.6  136.6      172  11.5  129.6
 39  15.1  150.2      106  14.4  136.1      173  11.3  129.0
 40  15.3  149.7      107  14.2  134.7      174  11.0  128.3
 41  15.5  149.3      108  14.3  133.5      175  10.8  127.5
 42  15.6  149.1      109  14.5  133.7      176  10.7  127.0
 43  15.5  149.1      110  14.6  133.9      177  10.6  126.5
 44  15.4  148.8      111  14.6  133.9      178  10.6  126.1
 45  15.5  148.8      112  14.4  133.6      179  10.5  125.2
 46  15.8  148.4      113  14.3  133.8      180  10.5  124.3
 47  16.1  148.1      114  14.3  134.1      181  10.6  123.8
 48  16.1  147.7      115  14.0  133.4      182  10.8  124.1
 49  16.0  147.6      116  13.8  133.8      183  11.0  124.9
 50  15.7  147.1      117  13.7  136.1      184  11.3  125.7
 51  15.3  145.7      118  13.8  137.9      185  11.5  126.1
 52  15.4  145.1      119  14.3  138.1      186  11.8  125.6
 53  16.1  145.2      120  14.5  137.9      187  11.9  124.6
 54  16.5  145.2      121  14.3  137.6      188  12.0  123.0
 55  16.4  145.4      122  14.1  137.4      189  12.1  120.6
 56  16.5  145.8      123  13.9  137.2      190  12.3  119.0
 57  16.6  145.9      124  13.7  136.9      191  12.3  118.7
 58  16.2  145.3      125  13.5  135.8      192  12.7  117.8
 59  15.7  144.6      126  13.3  134.7      193  13.2  117.1
 60  15.3  144.2      127  13.0  134.8      194  13.2  117.1
 61  15.0  143.8      128  12.6  136.1
 62  14.8  143.3      129  12.4  135.7
 63  14.5  142.9      130  12.4  135.6
 64  14.4  142.5      131  12.3  135.5
 65  14.2  142.2      132  12.3  135.5
 66  14.2  142.3      133  12.3  135.5
```

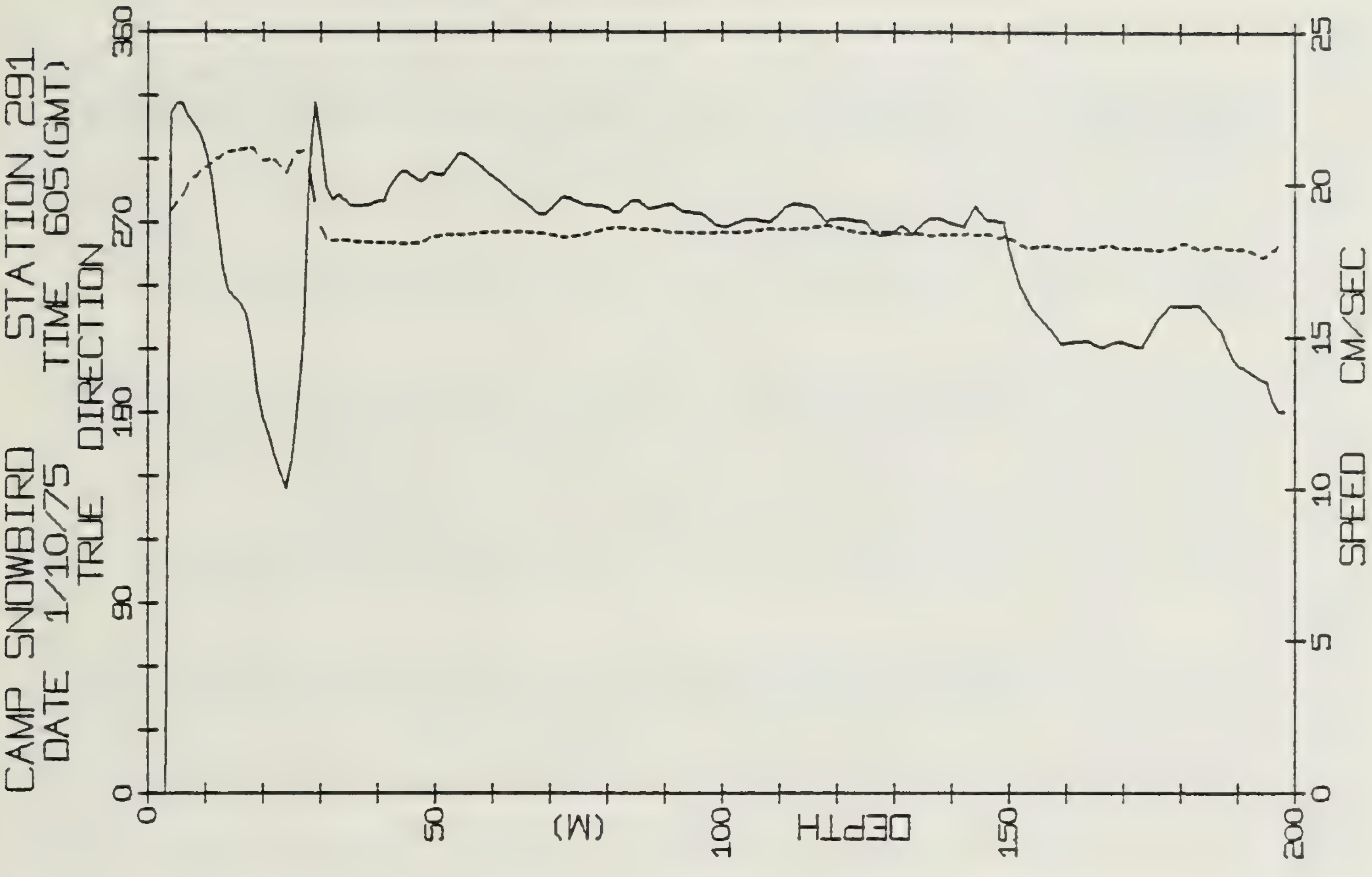
```
SNOWBIRD STATION 280     (193M.)      24/SEP/75     2306 GMT
LAT= 74.1319N  LONG= 140.3232W  LTER=      2.  LGER=      4.
NIVEL= -16.7    EIVEL=  18.4     NVER=      0.  EVER=      0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67  15.1  107.2      134  20.3   97.3
  1   0.0  999.9       68  15.0  103.6      135  20.5   99.1
  2   0.0  999.9       69  15.4  101.7      136  20.7  100.7
  3   0.0  999.9       70  15.6  101.7      137  21.0  100.9
  4  23.0  145.7       71  15.8  102.0      138  20.7  101.2
  5  23.0  147.9       72  16.0  102.2      139  20.4  100.9
  6  23.0  149.8       73  16.3  102.2      140  20.3  100.6
  7  22.8  150.5       74  17.4  101.3      141  20.2  100.3
  8  21.7  149.7       75  18.0  100.8      142  20.1  100.0
  9  20.5  148.5       76  18.2  100.7      143  20.1   99.6
 10  19.2  147.3       77  18.5  100.5      144  19.9   99.5
 11  18.3  146.3       78  18.7  100.3      145  19.7  100.0
 12  18.2  146.9       79  19.2   99.6      146  19.7  100.5
 13  17.8  149.5       80  20.2   98.3      147  19.7  101.0
 14  17.0  151.1       81  20.7   97.2      148  19.7  101.5
 15  16.3  151.0       82  21.0   96.3      149  19.7  102.0
 16  15.7  148.8       83  21.1   95.3      150  19.7  102.5
 17  15.1  145.9       84  21.1   95.8      151  19.6  103.1
 18  15.1  144.6       85  21.1   96.4      152  19.5  103.7
 19  15.3  143.6       86  21.2   95.8      153  19.4  104.2
 20  15.5  142.9       87  21.1   94.4      154  19.2  104.8
 21  15.2  143.1       88  21.0   92.9      155  19.0  105.5
 22  14.6  144.0       89  20.9   91.5      156  18.8  106.3
 23  14.0  144.0       90  21.8   90.9      157  18.6  107.0
 24  13.7  143.2       91  21.9   90.4      158  18.6  107.5
 25  13.0  141.3       92  21.7   90.0      159  18.7  107.5
 26  12.0  137.8       93  21.3   90.2      160  18.6  106.7
 27  11.7  134.3       94  20.8   91.2      161  18.4  106.0
 28  11.8  130.8       95  21.1   92.5      162  17.5  106.2
 29  12.3  128.0       96  22.0   93.9      163  16.6  106.5
 30  12.7  129.0       97  22.8   94.5      164  16.3  107.4
 31  12.2  129.1       98  23.3   93.6      165  15.7  109.0
 32  12.5  128.9       99  23.4   92.4      166  15.8  108.9
 33  12.9  128.6      100  23.5   92.0      167  15.8  109.1
 34  13.2  128.3      101  23.5   91.7      168  15.8  109.3
 35  13.5  126.9      102  23.5   91.9      169  15.8  109.4
 36  14.1  126.3      103  23.5   91.1      170  15.8  109.6
 37  14.2  125.9      104  23.6   90.2      171  15.7  109.4
 38  13.5  124.7      105  23.6   89.8      172  15.5  109.4
 39  12.8  123.7      106  23.4   90.9      173  14.7  110.5
 40  12.7  123.6      107  23.5   91.0      174  14.0  111.2
 41  12.4  123.2      108  23.7   90.6      175  13.6  110.6
 42  12.0  122.6      109  23.7   90.2      176  13.3  110.0
 43  11.6  121.9      110  23.7   90.4      177  13.1  109.4
 44  11.4  121.6      111  23.6   91.2      178  13.2  110.3
 45  11.4  121.4      112  23.6   90.9      179  13.0  112.5
 46  11.6  121.4      113  23.7   90.2      180  12.6  116.1
 47  11.9  121.7      114  23.6   90.6      181  12.3  118.5
 48  12.3  120.9      115  23.2   90.9      182  12.1  117.9
 49  13.0  118.4      116  22.6   90.7      183  12.0  117.5
 50  13.5  117.8      117  22.3   90.8      184  12.2  117.9
 51  13.5  116.8      118  22.1   91.3      185  12.3  118.1
 52  13.1  114.7      119  21.9   91.8      186  12.5  118.4
 53  13.3  114.5      120  21.7   92.4      187  12.5  118.5
 54  14.1  114.0      121  21.8   93.1      188  12.3  117.8
 55  14.8  113.2      122  21.9   93.8      189  12.1  117.3
 56  14.9  111.0      123  22.0   94.4      190  12.1  117.4
 57  14.8  109.8      124  22.0   95.1      191  12.3  118.1
 58  14.9  109.4      125  22.0   95.7      192  12.6  119.0
 59  15.1  109.6      126  21.9   96.3      193  12.9  119.7
 60  15.2  110.2      127  21.8   96.0
 61  15.3  110.6      128  21.7   95.7
 62  15.2  110.2      129  21.6   95.4
 63  15.0  109.1      130  21.5   95.0
 64  14.8  108.1      131  21.4   94.7
 65  15.1  109.1      132  21.2   95.0
 66  15.3  109.8      133  20.7   95.7
```

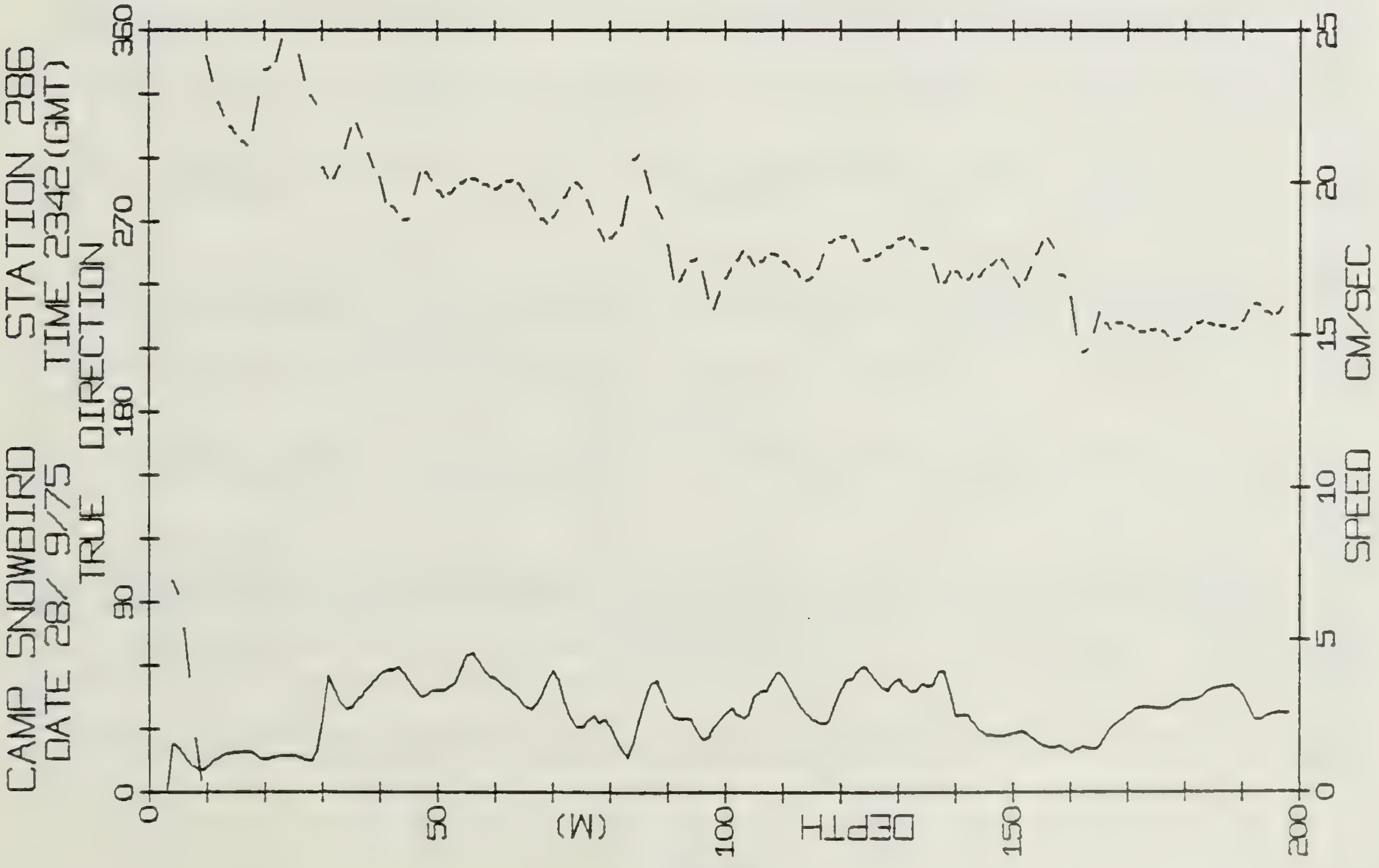

CAMP SNOWBIRD STATION 281
DATE 25/ 9/75 TIME 543(GMT)


CAMP SNOWBIRD STATION 282
DATE 25/ 9/75 TIME 2243(GMT)

```
SNOWBIRD STATION 281     (198M )     25/SEP/75       543 GMT
LAT= 74.0959N  LONG= 140.2343W  LTER=      0.  LGER=      0.
NIVEL= -15.4   EIVEL=    6.1    NVER=      0   EVER=      0.

DPT    SPD   DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0    0.0   999.9      67   11.7   132.5     134   11.7   162.0
  1    0.0   999.9      68   11.9   133.2     135   11.6   161.3
  2    0.0   999.9      69   12.0   134.6     136   11.5   160.6
  3    0.0   999.9      70   12.1   135.9     137   11.4   160.1
  4   12.1   161.8      71   12.1   136.8     138   11.3   160.5
  5   12.8   189.3      72   12.1   137.1     139   11.3   161.2
  6   11.3   190.7      73   12.2   137.3     140   11.4   161.8
  7    9.6   190.8      74   12.2   136.9     141   11.4   162.4
  8    9.8   194.2      75   12.2   137.2     142   11.4   162.9
  9   10.2   197.9      76   12.4   138.3     143   11.2   163.3
 10    9.7   201.8      77   12.5   139.4     144   11.2   162.9
 11    9.5   203.3      78   12.5   140.2     145   11.4   162.4
 12    9.4   202.5      79   12.6   141.9     146   11.5   162.2
 13    9.1   200.7      80   12.7   144.2     147   11.3   162.9
 14    8.9   202.7      81   12.5   145.2     148   11.1   163.7
 15    8.6   205.9      82   12.2   145.5     149   11.1   164.3
 16    8.2   209.2      83   11.9   145.1     150   11.3   164.6
 17    7.9   212.6      84   12.0   144.3     151   11.5   164.9
 18    7.7   212.6      85   12.3   143.5     152   11.7   165.4
 19    7.7   210.2      86   12.6   144.0     153   11.6   166.0
 20    8.3   208.5      87   12.7   144.5     154   11.5   166.6
 21    8.7   210.1      88   12.9   143.7     155   11.4   166.7
 22    8.9   210.9      89   13.0   143.2     156   11.4   166.4
 23    8.7   211.6      90   12.9   143.3     157   11.5   165.9
 24    8.7   212.5      91   12.8   144.0     158   11.5   165.4
 25    9.2   211.3      92   12.8   144.9     159   11.5   165.0
 26    9.7   205.4      93   12.8   146.2     160   11.3   164.2
 27   10.2   198.1      94   12.9   147.3     161   11.4   162.8
 28   10.4   192.6      95   13.0   148.2     162   11.5   161.4
 29   10.0   188.8      96   13.2   148.9     163   11.7   160.1
 30    9.3   184.7      97   13.2   148.9     164   11.6   161.2
 31    8.6   179.4      98   13.0   149.0     165   11.4   162.8
 32    7.9   175.7      99   12.7   150.0     166   11.3   164.6
 33    7.2   173.5     100   12.8   150.7     167   11.1   166.6
 34    6.6   172.6     101   13.1   150.7     168   11.0   168.6
 35    6.0   174.4     102   13.2   150.3     169   10.9   169.3
 36    5.9   175.2     103   13.0   150.3     170   10.7   167.8
 37    6.4   172.7     104   12.7   150.9     171   10.5   166.0
 38    7.3   169.9     105   12.4   151.7     172   10.6   165.0
 39    8.5   167.7     106   12.3   152.1     173   10.6   163.0
 40    9.2   166.3     107   12.3   152.6     174   10.6   159.6
 41    9.4   166.0     108   12.3   153.0     175   10.6   156.5
 42    9.5   165.7     109   12.4   153.3     176   10.8   154.8
 43    9.5   165.2     110   12.4   153.5     177   10.7   156.8
 44    9.3   163.1     111   12.5   153.1     178   10.2   160.4
 45    9.0   160.8     112   12.6   152.8     179    9.7   161.7
 46    8.8   157.4     113   12.7   152.5     180    9.8   161.7
 47    8.7   152.0     114   12.8   152.6     181   10.3   161.3
 48    8.9   147.7     115   12.7   153.4     182   10.8   161.1
 49    9.5   143.8     116   12.6   154.5     183   10.9   162.4
 50   10.3   139.5     117   12.4   155.6     184   10.9   164.3
 51   10.5   134.2     118   12.3   156.4     185   11.1   163.9
 52   10.7   129.7     119   12.3   156.2     186   11.3   163.4
 53   10.8   128.0     120   12.3   156.0     187   11.2   164.4
 54   11.0   127.6     121   12.3   156.1     188   11.0   167.9
 55   11.2   128.0     122   12.2   157.1     189   11.1   171.3
 56   11.4   129.4     123   12.2   158.2     190   11.6   173.1
 57   11.5   130.5     124   12.3   158.3     191   11.7   172.5
 58   11.6   131.0     125   12.4   158.0     192   11.5   172.3
 59   11.6   130.1     126   12.5   157.1     193   11.1   172.0
 60   11.5   129.1     127   12.5   156.6     194   10.9   173.3
 61   11.4   128.1     128   12.4   156.6     195   11.1   174.2
 62   11.4   127.8     129   12.4   157.5     196   11.3   174.6
 63   11.4   127.6     130   12.3   158.3     197   11.1   175.8
 64   11.4   128.1     131   12.2   159.5     198   11.1   175.8
 65   11.4   129.3     132   12.1   161.0
 66   11.5   131.0     133   11.8   162.0
```

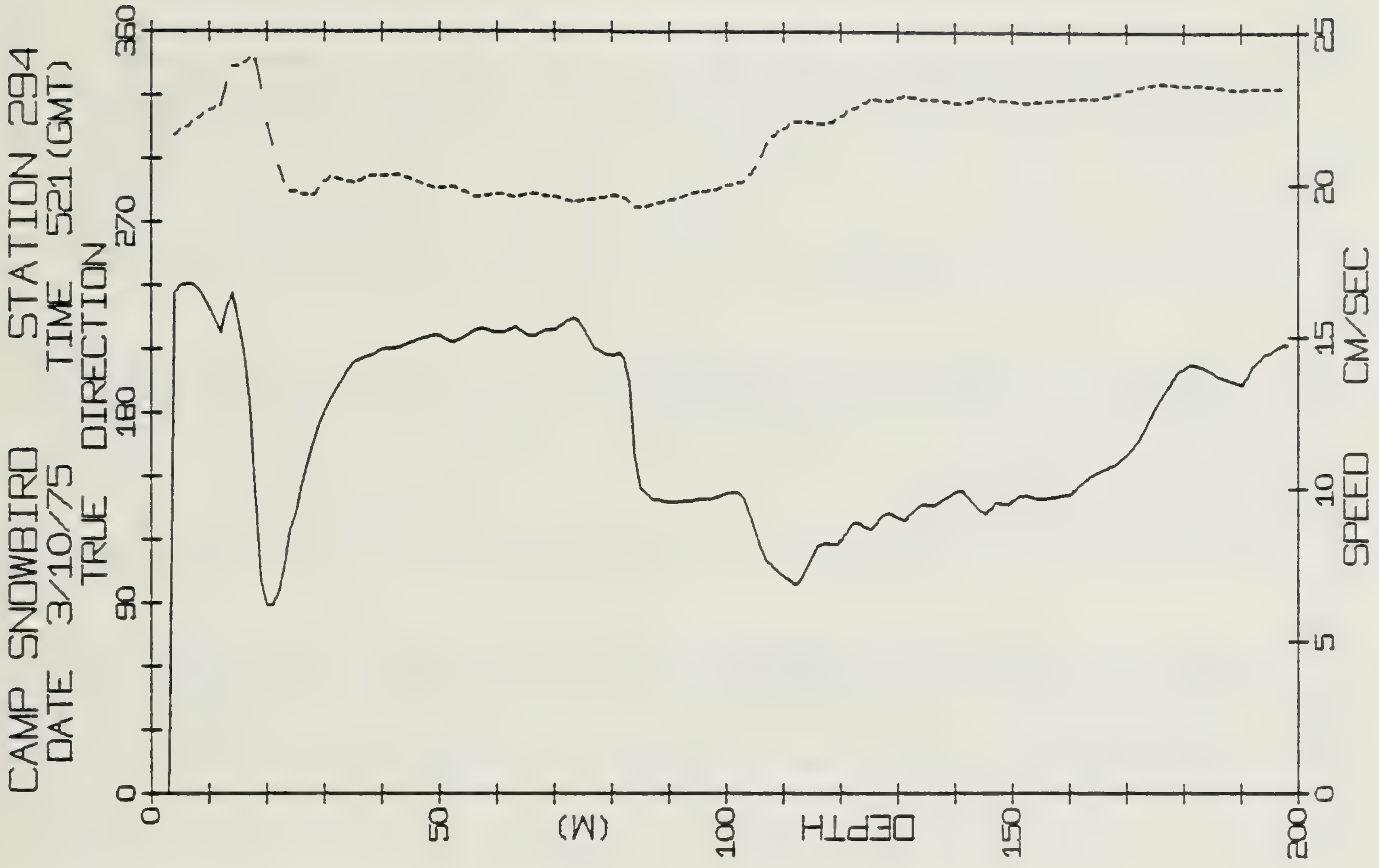
```
SNOWBIRD STATION 282     (190M. )    25/SEP/75      2243 GMT
LAT= 74.0369N  LONG= 140.3010W  LTER=      1.  LGER=      2.
NIVEL= -10.1   EIVEL=   -5.5    NVER=      0.  EVER=      0.

DPT    SPD   DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0    0.0   999.9      67   20.0   261.9     134   16.0   282.3
  1    0.0   999.9      68   20.4   261.9     135   15.9   282.7
  2    0.0   999.9      69   20.4   262.7     136   15.7   283.1
  3    0.0   999.9      70   20.2   263.0     137   15.4   282.9
  4    7.4   207.6      71   20.2   263.3     138   15.3   283.1
  5    6.9   205.7      72   20.4   263.8     139   15.3   284.0
  6    6.5   203.6      73   20.6   264.5     140   15.4   285.1
  7    6.5   202.1      74   20.9   265.2     141   15.4   284.8
  8    6.5   200.3      75   21.0   265.9     142   15.1   283.2
  9    6.5   198.1      76   21.3   266.3     143   14.8   281.8
 10    6.7   196.2      77   21.5   266.3     144   14.3   282.1
 11    6.8   194.9      78   21.6   266.5     145   13.7   283.3
 12    6.8   193.9      79   21.6   266.7     146   13.4   284.2
 13    6.7   193.0      80   21.4   267.0     147   13.4   284.6
 14    6.6   192.3      81   21.2   267.5     148   13.6   284.3
 15    6.5   192.0      82   20.9   268.0     149   13.7   283.5
 16    6.5   192.4      83   20.8   268.3     150   13.4   282.3
 17    6.5   193.3      84   20.8   268.3     151   12.7   280.6
 18    6.3   194.8      85   20.9   268.0     152   11.7   280.0
 19    6.1   195.7      86   21.1   268.0     153   10.7   279.0
 20    6.0   195.2      87   21.4   268.0     154   10.1   277.6
 21    6.3   192.9      88   21.6   268.5     155    9.6   277.1
 22    6.5   190.7      89   21.5   269.4     156    9.1   277.2
 23    6.7   188.1      90   21.4   270.7     157    8.8   277.5
 24    6.9   185.8      91   21.2   272.2     158    8.7   276.6
 25    6.9   183.9      92   21.0   274.1     159    8.7   274.7
 26    6.4   182.4      93   21.2   274.4     160    8.7   272.7
 27    5.8   181.6      94   21.3   274.4     161    8.7   270.1
 28    5.3   186.8      95   21.2   274.8     162    8.7   267.5
 29    5.4   198.1      96   21.0   276.4     163    8.9   266.2
 30    5.9   204.7      97   21.2   276.7     164    9.6   265.4
 31    6.3   206.6      98   21.4   276.9     165   10.0   263.4
 32    6.6   208.1      99   21.4   277.7     166    9.9   262.3
 33    6.5   210.7     100   21.3   278.3     167    8.9   260.8
 34    6.2   214.5     101   21.2   278.5     168    8.5   260.0
 35    5.8   221.6     102   21.0   278.7     169    8.7   259.3
 36    5.7   232.7     103   21.1   277.9     170    8.9   258.2
 37    6.0   242.6     104   21.1   277.2     171    8.6   255.7
 38    6.6   247.9     105   20.8   277.8     172    9.1   254.9
 39    7.3   247.8     106   20.1   279.6     173    9.7   255.5
 40    7.7   245.9     107   19.5   281.9     174    9.2   255.4
 41    8.0   242.5     108   19.1   283.5     175    8.6   252.4
 42    8.1   242.2     109   19.2   283.5     176    8.7   249.5
 43    8.1   244.9     110   19.4   282.7     177    8.5   247.6
 44    8.4   246.7     111   19.4   282.7     178    8.6   247.1
 45    9.0   247.4     112   19.2   284.0     179    8.6   247.2
 46    9.4   245.4     113   19.6   284.0     180    8.4   248.1
 47    9.7   243.4     114   19.8   284.2     181    7.3   248.1
 48    9.8   242.6     115   19.6   285.4     182    6.3   246.0
 49   10.1   242.9     116   19.4   286.9     183    5.4   241.5
 50   10.3   243.6     117   19.5   288.2     184    5.3   236.6
 51   10.8   245.7     118   19.8   288.4     185    5.7   233.6
 52   11.5   247.0     119   19.9   287.6     186    5.9   237.2
 53   12.5   247.7     120   19.8   286.7     187    6.3   243.8
 54   13.3   247.6     121   19.5   286.0     188    5.9   234.1
 55   13.6   247.9     122   19.1   285.4     189    5.6   235.9
 56   13.7   248.9     123   18.7   285.4     190    5.8   242.4
 57   13.8   250.2     124   18.4   286.3
 58   14.6   252.5     125   18.5   287.1
 59   15.4   254.5     126   18.7   287.7
 60   16.1   256.9     127   18.8   287.9
 61   16.8   258.7     128   18.4   287.1
 62   17.0   259.6     129   18.0   286.2
 63   17.4   261.1     130   17.9   285.2
 64   17.8   262.3     131   17.7   284.1
 65   18.4   262.3     132   16.8   282.7
 66   19.2   262.3     133   16.3   282.2
```

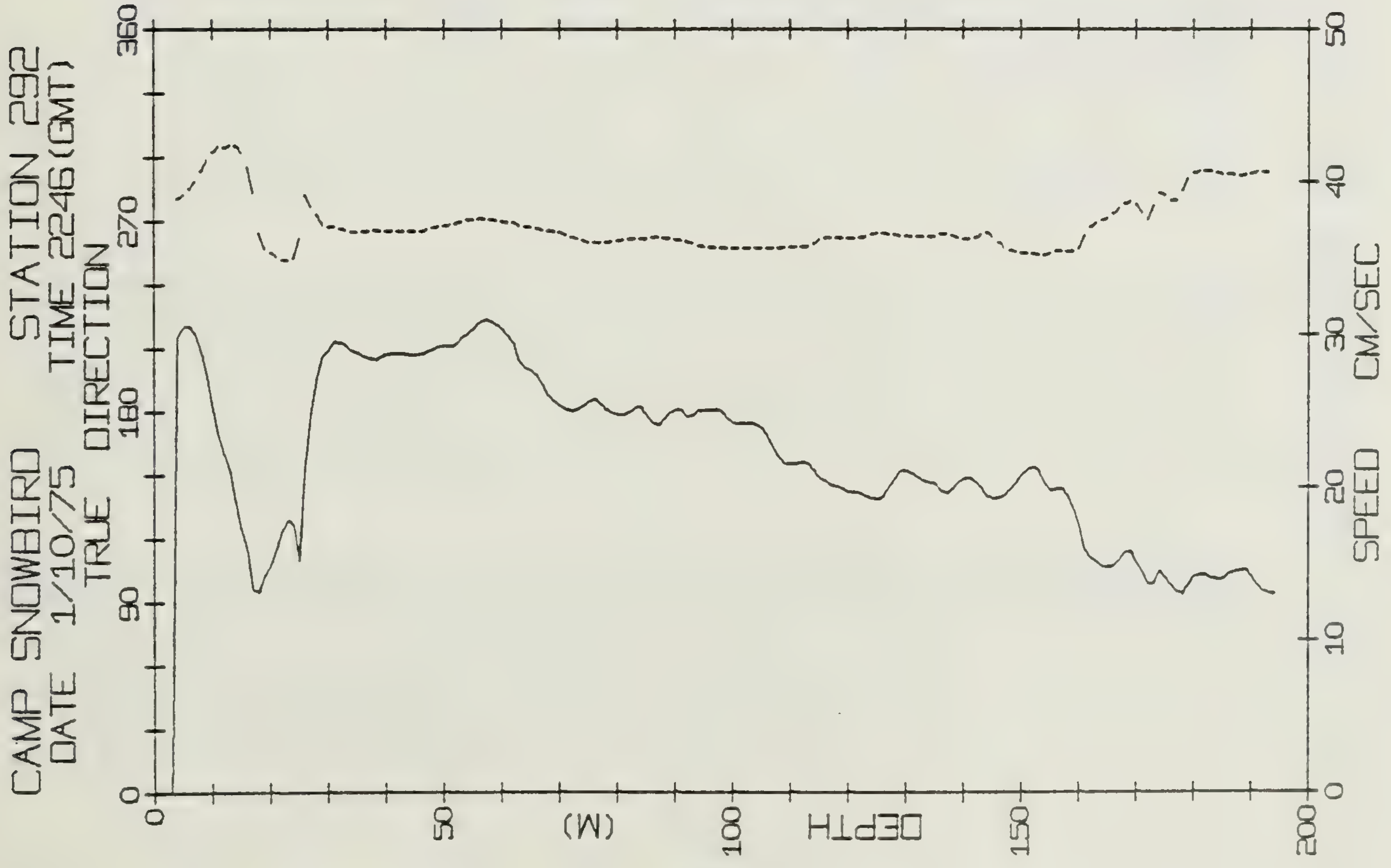

CAMP SNOWBIRD
DATE 1/10/75
STATION 291
TIME 605(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 28/ 9/75
STATION 286
TIME 2342(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 286     (198M.)      28/SEP/75      2342 GMT
LAT= 73.9696N  LONG= 140.2699W  LTER=  111.   LGER=  137.
NIVEL=  -1.9   EIVEL=    0.2    NVER=    1.   EVER=    2.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    2.9   275.5    134    3.5   256.9
  1    0.0   999.9     68    3.2   271.2    135    3.5   256.8
  2    0.0   999.9     69    3.6   269.1    136    3.5   249.6
  3    0.0   999.9     70    4.0   271.9    137    4.0   241.2
  4    1.6    99.8     71    3.7   275.4    138    4.0   240.9
  5    1.5    94.0     72    3.0   281.0    139    3.3   245.8
  6    1.2    77.6     73    2.5   285.6    140    2.5   246.4
  7    0.9    54.9     74    2.2   287.8    141    2.5   243.3
  8    0.8    25.5     75    2.1   285.9    142    2.5   242.4
  9    0.7     5.9     76    2.3   279.8    143    2.3   245.0
 10    0.8   347.7     77    2.5   273.4    144    2.1   243.8
 11    1.0   336.2     78    2.3   265.7    145    1.9   247.3
 12    1.1   325.9     79    2.4   260.7    146    1.9   249.1
 13    1.3   319.6     80    2.2   261.8    147    1.8   251.6
 14    1.3   314.6     81    1.7   264.4    148    1.8   251.7
 15    1.3   311.2     82    1.4   267.8    149    1.9   248.0
 16    1.3   307.8     83    1.1   281.5    150    2.0   243.3
 17    1.3   305.8     84    1.6   298.9    151    2.0   239.2
 18    1.2   312.7     85    2.4   301.2    152    1.9   242.1
 19    1.1   328.5     86    3.0   293.5    153    1.8   248.0
 20    1.1   341.4     87    3.5   283.5    154    1.7   254.2
 21    1.1   342.7     88    3.7   277.0    155    1.5   259.7
 22    1.2   345.5     89    3.2   271.5    156    1.5   261.5
 23    1.2   355.5     90    2.7   258.7    157    1.5   257.4
 24    1.2     1.4     91    2.5   243.0    158    1.5   244.5
 25    1.2   358.7     92    2.4   241.4    159    1.4   243.5
 26    1.1   348.4     93    2.4   246.5    160    1.3   233.8
 27    1.0   336.6     94    2.4   251.2    161    1.4   216.0
 28    1.0   329.2     95    2.0   252.2    162    1.5   208.0
 29    1.3   325.6     96    1.7   246.0    163    1.4   209.2
 30    2.4   295.4     97    1.8   233.5    164    1.4   217.4
 31    3.8   290.6     98    2.2   228.5    165    1.5   226.6
 32    3.4   290.0     99    2.4   236.2    166    1.8   221.8
 33    3.0   295.6    100    2.6   242.9    167    2.1   218.6
 34    2.7   304.5    101    2.8   247.6    168    2.3   221.4
 35    2.8   313.7    102    2.6   251.3    169    2.4   221.8
 36    3.0   315.8    103    2.4   255.6    170    2.6   220.5
 37    3.2   309.4    104    2.5   253.1    171    2.7   218.8
 38    3.5   301.9    105    3.2   248.9    172    2.8   217.6
 39    3.7   294.9    106    3.3   251.0    173    2.8   217.5
 40    3.9   290.6    107    3.3   252.9    174    2.7   218.5
 41    4.0   279.3    108    3.7   254.5    175    2.7   219.0
 42    4.0   277.2    109    4.0   253.6    176    2.7   217.9
 43    4.1   274.5    110    3.8   250.9    177    2.8   215.5
 44    3.9   270.6    111    3.5   248.7    178    2.9   213.8
 45    3.7   271.2    112    3.1   246.7    179    3.0   214.5
 46    3.4   282.6    113    2.8   243.9    180    3.0   217.2
 47    3.1   292.7    114    2.6   242.1    181    3.0   219.5
 48    3.2   292.9    115    2.4   243.5    182    3.1   221.5
 49    3.3   289.1    116    2.3   247.5    183    3.2   222.7
 50    3.3   284.5    117    2.3   254.4    184    3.3   221.5
 51    3.4   281.6    118    2.4   259.6    185    3.4   220.5
 52    3.5   283.0    119    2.9   261.5    186    3.5   220.3
 53    3.6   285.4    120    3.4   262.3    187    3.5   220.1
 54    4.0   287.8    121    3.7   262.8    188    3.5   218.7
 55    4.5   289.6    122    3.7   261.0    189    3.4   219.5
 56    4.6   290.0    123    4.0   255.3    190    3.2   222.5
 57    4.3   288.8    124    4.1   251.5    191    2.8   227.6
 58    4.0   287.3    125    3.9   252.1    192    2.4   230.6
 59    3.8   286.2    126    3.7   253.3    193    2.4   230.0
 60    3.7   285.1    127    3.5   254.9    194    2.5   227.0
 61    3.6   286.6    128    3.3   257.4    195    2.6   225.7
 62    3.4   288.7    129    3.6   258.5    196    2.6   226.3
 63    3.3   289.3    130    3.7   261.3    197    2.6   229.3
 64    3.1   287.8    131    3.5   262.4    198    2.6   229.3
 65    2.9   283.9    132    3.3   261.0
 66    2.7   279.9    133    3.3   257.9
```

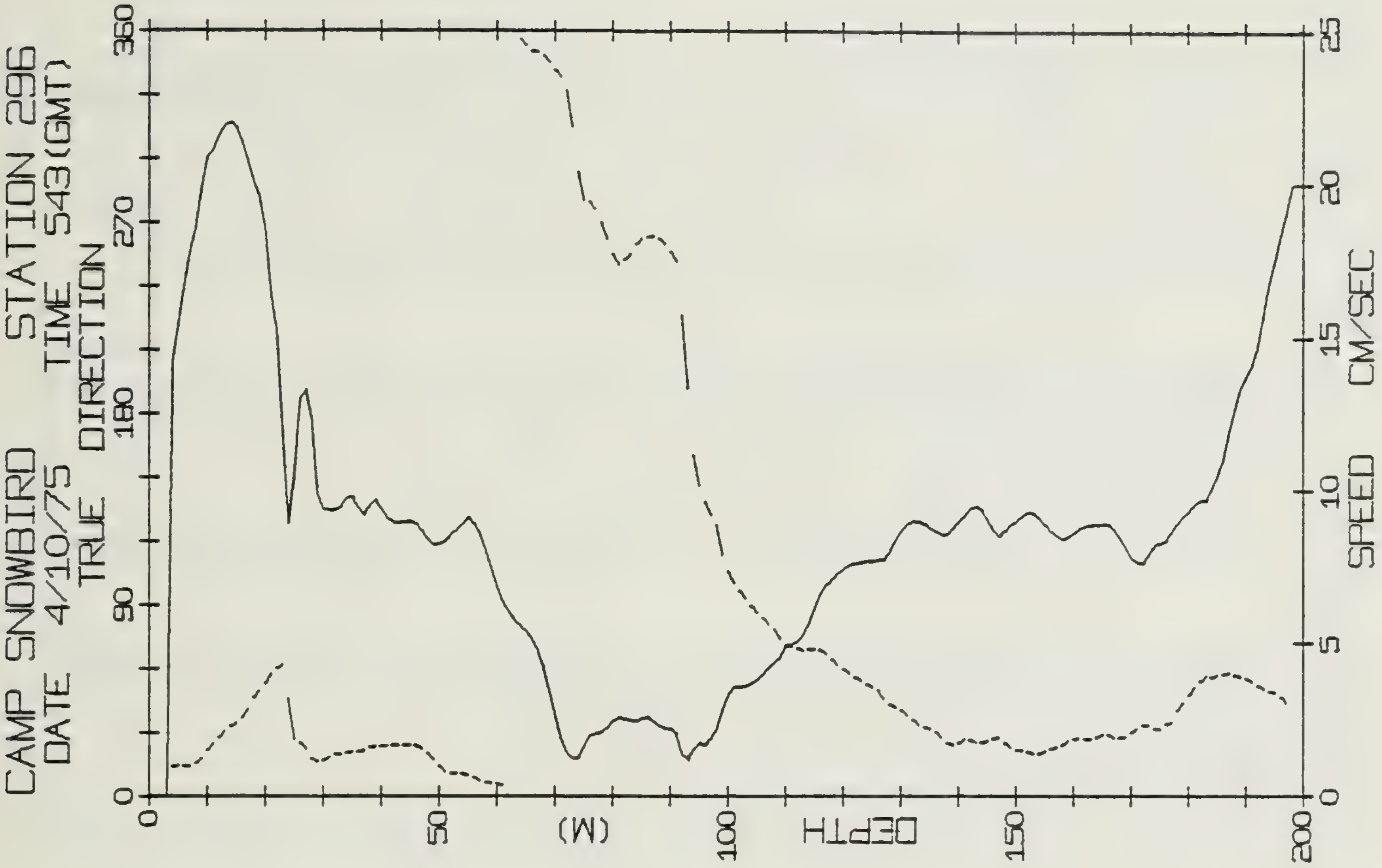
```
SNOWBIRD STATION 291     (198M.)       1/OCT/75       605 GMT
LAT= 73.9854N  LONG= 140.6554W  LTER=    1.   LGER=    1.
NIVEL=   2.6   EIVEL= -15 █     NVER=    0.   EVER=    0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67   19.2   264.9    134   18.6   264.6
  1    0.0   999.9     68   19.0   264.6    135   18.7   264.1
  2    0.0   999.9     69   19.0   264.4    136   18.9   263.7
  3    0.0   999.9     70   19.2   263.7    137   18.9   264.0
  4   22.4   276.1     71   19.4   263.2    138   18.9   264.3
  5   22.6   278.7     72   19.6   262.7    139   18.8   264.4
  6   22.6   282.5     73   19.5   262.9    140   18.7   264.6
  7   22.2   287.9     74   19.5   263.4    141   18.7   264.6
  8   21.9   291.2     75   19.4   263.9    142   18.6   264.7
  9   21.7   293.8     76   19.3   264.5    143   18.9   265.2
 10   21.1   296.1     77   19.3   265.2    144   19.3   264.1
 11   20.2   297.6     78   19.3   265.9    145   19.1   264.7
 12   18.8   300.1     79   19.3   266.6    146   18.8   264.9
 13   17.2   301.9     80   19.2   267.3    147   18.8   264.0
 14   16.5   303.2     81   19.1   267.7    148   18.8   262.9
 15   16.3   303.9     82   19.1   267.6    149   18.8   263.5
 16   16.1   304.4     83   19.3   267.2    150   17.9   262.4
 17   15.7   305.1     84   19.4   266.7    151   17.2   261.4
 18   14.8   305.0     85   19.5   266.4    152   16.6   259.4
 19   13.2   302.3     86   19.3   266.6    153   16.3   258.1
 20   12.3   299.6     87   19.2   266.9    154   15.9   258.4
 21   11.8   299.6     88   19.2   266.5    155   15.7   258.9
 22   11.1   298.9     89   19.3   266.0    156   15.5   259.4
 23   10.5   296.5     90   19.3   265.4    157   15.3   259.3
 24   10.0   293.3     91   19.4   264.9    158   15.0   258.6
 25   11.0   298.8     92   19.2   265.2    159   14.8   257.7
 26   12.8   303.1     93   19.1   265.4    160   14.8   257.3
 27   14.8   304.1     94   19.1   265.3    161   14.9   257.9
 28   20.4   295.4     95   19.1   265.1    162   14.9   258.4
 29   22.7   280.2     96   19.0   264.9    163   14.9   258.4
 30   21.5   267.8     97   18.9   264.9    164   14.8   257.5
 31   19.9   262.1     98   18.8   265.2    165   14.7   258.1
 32   19.5   261.1     99   18.6   265.6    166   14.7   259.0
 33   19.6   261.5    100   18.6   265.7    167   14.8   259.7
 34   19.5   261.2    101   18.6   265.4    168   14.8   259.1
 35   19.3   260.7    102   18.7   265.4    169   14.9   257.8
 36   19.3   260.5    103   18.8   265.6    170   14.8   257.8
 37   19.3   260.5    104   18.9   265.8    171   14.8   258.0
 38   19.3   260.3    105   18.8   266.2    172   14.7   258.1
 39   19.4   260.2    106   18.8   266.7    173   14.6   258.1
 40   19.4   259.9    107   18.8   267.1    174   14.9   257.5
 41   19.4   259.9    108   18.8   267.3    175   15.3   257.0
 42   19.9   260.1    109   18.9   267.0    176   15.6   257.3
 43   20.2   259.9    110   19.1   266.9    177   15.8   257.5
 44   20.4   259.6    111   19.3   266.8    178   16.0   257.8
 45   20.4   259.6    112   19.4   267.0    179   16.0   258.7
 46   20.2   259.9    113   19.3   267.4    180   16.0   260.1
 47   20.1   260.3    114   19.3   267.6    181   16.0   260.2
 48   20.1   261.2    115   19.3   267.8    182   16.0   258.7
 49   20.4   262.7    116   19.2   268.1    183   16.0   257.5
 50   20.3   263.2    117   19.0   268.4    184   15.9   257.7
 51   20.3   264.0    118   18.8   268.8    185   15.6   258.3
 52   20.5   264.1    119   18.9   268.3    186   15.4   258.9
 53   20.8   264.0    120   18.9   267.6    187   15.2   258.4
 54   21.0   263.9    121   18.9   266.9    188   14.7   257.6
 55   21.0   264.2    122   18.8   266.2    189   14.3   257.2
 56   20.8   264.6    123   18.8   265.4    190   14.0   257.4
 57   20.7   264.9    124   18.8   264.8    191   13.9   257.4
 58   20.5   265.2    125   18.7   264.8    192   13.8   256.4
 59   20.4   265.5    126   18.5   265.4    193   13.7   255.1
 60   20.2   265.6    127   18.3   266.0    194   13.6   253.8
 61   20.1   265.6    128   18.3   265.8    195   13.5   254.7
 62   19.9   265.7    129   18.4   265.6    196   12.9   256.9
 63   19.8   265.7    130   18.5   265.0    197   12.5   259.2
 64   19.6   265.6    131   18.6   264.3    198   12.5   259.2
 65   19.4   265.5    132   18.5   264.5
 66   19.3   265.2    133   18.4   265.1
```

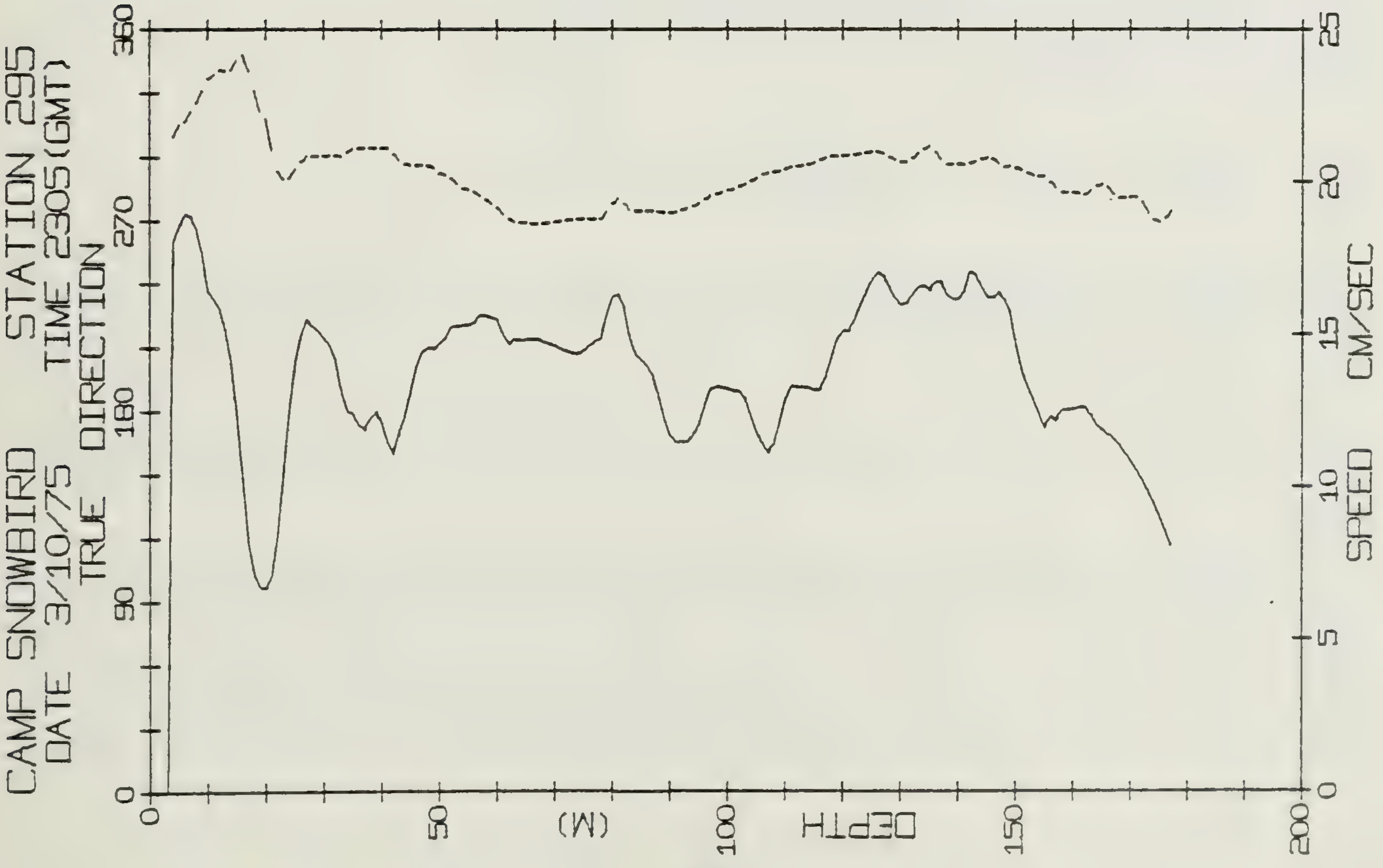

CAMP SNOWBIRD STATION 294
DATE 3/10/75 TIME 521(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 292
DATE 1/10/75 TIME 2246(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
10
20
30
40
50
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 292     (194M.)        1/OCT/75      2246 GMT
LAT= 74.0092N  LONG= 141.0343W  LTER=     1   LGER=      2.
NIVEL=   4.3   EIVEL= -21.8     NVER=     0.  EVER=      0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   26.8   265.6       134   20.3   262.3
   1    0.0   999.9        68   26.1   265.2       135   20.2   262.3
   2    0.0   999.9        69   25.7   264.8       136   19.8   263.6
   3    0.0   999.9        70   25.4   264.3       137   19.6   264.2
   4   29.9   280.7        71   25.1   263.3       138   19.9   262.9
   5   30.6   282.2        72   25.0   262.1       139   20.3   261.4
   6   30.6   284.8        73   25.2   261.1       140   20.6   260.9
   7   30.2   288.7        74   25.4   260.2       141   20.6   261.0
   8   29.1   293.3        75   25.6   259.5       142   20.4   262.0
   9   27.5   298.3        76   25.8   259.4       143   20.0   263.6
  10   25.4   302.4        77   25.5   259.7       144   19.4   264.4
  11   23.5   304.8        78   25.2   259.9       145   19.3   262.3
  12   22.3   304.5        79   24.9   260.1       146   19.3   259.8
  13   21.2   305.8        80   24.7   260.5       147   19.5   257.5
  14   19.1   305.3        81   24.8   260.9       148   19.9   255.9
  15   17.3   302.4        82   24.9   261.3       149   20.3   254.9
  16   16.0   295.4        83   25.2   261.5       150   20.8   254.5
  17   13.4   283.6        84   25.3   261.4       151   21.1   254.3
  18   13.1   264.1        85   24.8   261.7       152   21.4   254.0
  19   14.3   256.8        86   24.3   262.1       153   21.1   253.6
  20   14.9   255.0        87   24.0   262.3       154   20.3   253.9
  21   15.9   253.0        88   24.4   261.8       155   19.8   254.8
  22   17.1   251.6        89   24.9   261.2       156   19.9   255.6
  23   17.9   251.2        90   25.1   260.8       157   19.9   255.7
  24   17.6   252.5        91   25.1   260.4       158   19.5   255.2
  25   15.3   261.4        92   24.7   259.8       159   18.7   255.3
  26   21.4   282.0        93   24.7   258.9       160   17.6   256.7
  27   24.8   276.8        94   25.0   257.9       161   15.9   263.0
  28   27.1   272.9        95   25.1   257.5       162   15.4   267.1
  29   28.6   268.5        96   25.1   257.1       163   15.1   268.9
  30   29.0   267.4        97   25.1   256.9       164   14.8   270.2
  31   29.6   267.4        98   25.0   257.0       165   14.8   271.5
  32   29.5   266.4        99   24.6   256.8       166   14.9   273.4
  33   29.4   265.4       100   24.2   256.7       167   15.2   275.7
  34   29.0   264.8       101   24.2   256.9       168   15.7   277.9
  35   28.8   264.9       102   24.2   257.2       169   15.8   279.2
  36   28.6   265.3       103   24.2   257.2       170   15.1   277.4
  37   28.5   265.6       104   24.1   257.1       171   14.5   273.8
  38   28.4   265.7       105   23.9   256.9       172   13.7   270.6
  39   28.6   265.4       106   23.4   256.8       173   13.7   276.8
  40   28.8   265.1       107   22.6   256.8       174   14.5   282.9
  41   28.8   265.0       108   22.0   257.2       175   14.1   281.8
  42   28.8   265.0       109   21.6   257.5       176   13.6   279.5
  43   28.8   265.1       110   21.6   257.3       177   13.2   279.5
  44   28.7   265.2       111   21.6   257.3       178   13.0   284.1
  45   28.7   265.1       112   21.7   257.5       179   13.6   290.1
  46   28.8   265.3       113   21.6   258.0       180   14.2   292.7
  47   29.0   266.2       114   21.2   259.2       181   14.3   293.3
  48   29.1   267.0       115   20.6   261.0       182   14.3   293.5
  49   29.3   267.6       116   20.4   261.9       183   14.0   293.2
  50   29.4   268.0       117   20.1   261.8       184   14.0   292.5
  51   29.3   268.4       118   20.0   261.8       185   14.0   291.7
  52   29.5   269.2       119   19.9   261.7       186   14.3   292.0
  53   29.8   270.1       120   19.7   261.5       187   14.5   291.7
  54   30.1   270.8       121   19.7   261.8       188   14.6   291.2
  55   30.4   270.9       122   19.6   262.2       189   14.6   291.9
  56   30.8   271.2       123   19.4   262.9       190   14.2   292.5
  57   31.0   270.9       124   19.2   263.8       191   13.6   293.3
  58   30.9   270.5       125   19.2   264.3       192   13.2   293.0
  59   30.7   270.1       126   19.4   264.1       193   13.0   292.7
  60   30.4   269.6       127   20.0   263.6       194   13.0   292.7
  61   29.9   269.0       128   20.5   263.2
  62   29.5   269.1       129   21.1   262.9
  63   28.3   267.4       130   21.1   262.8
  64   27.8   267.1       131   20.9   262.6
  65   27.6   266.9       132   20.7   262.3
  66   27.4   266.3       133   20.4   262.2
```

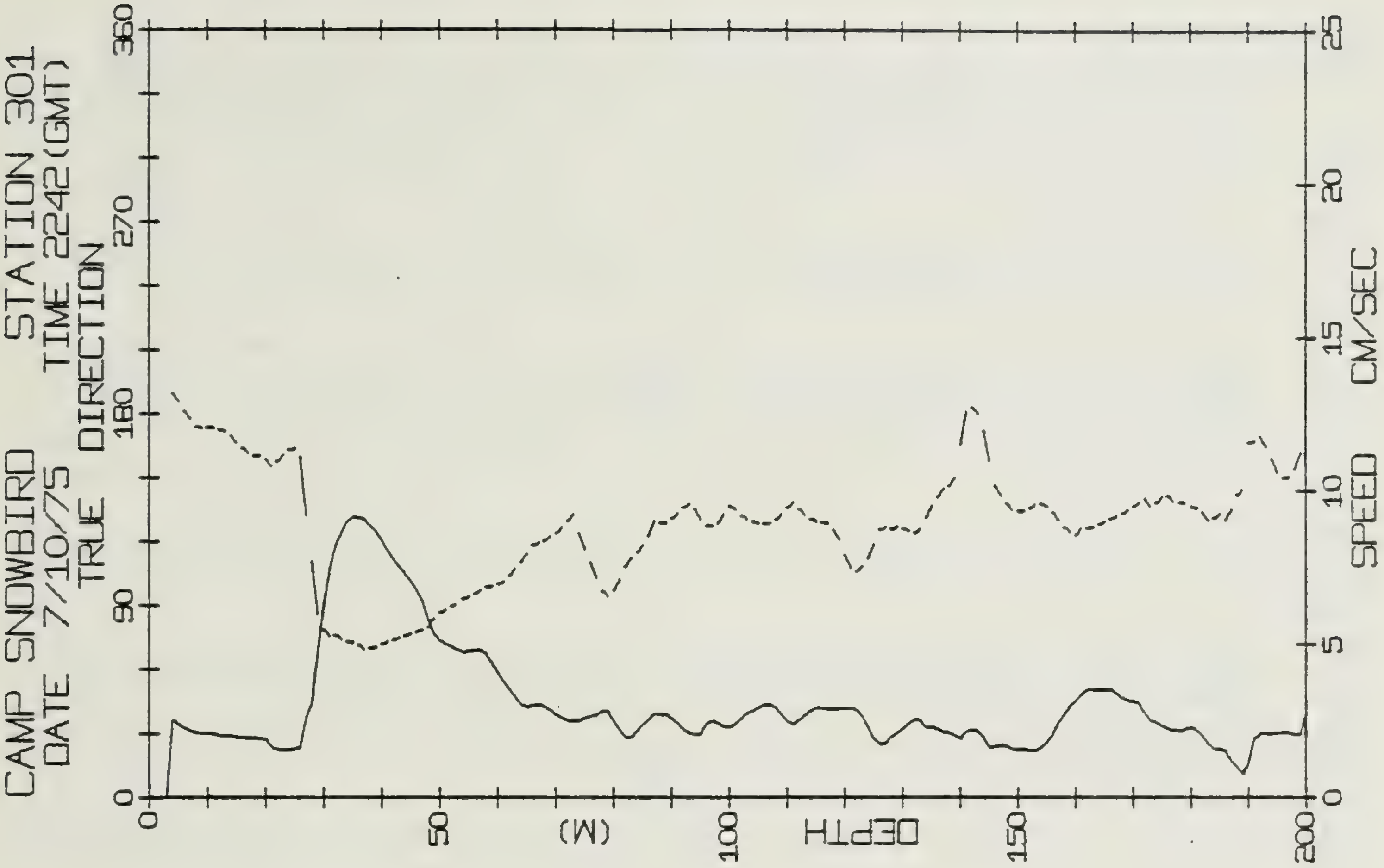
```
SNOWBIRD STATION 294     (198M.)        3/OCT/75       521 GMT
LAT= 74.1027N  LONG= 141.4404W  LTER=     0.  LGER=      0.
NIVEL=  10.0   EIVEL=  -9.9     NVER=     0.  EVER=      0

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   15.1   283.1       134    9.5   328.2
   1    0.0   999.9        68   15.2   282.3       135    9.5   328.3
   2    0.0   999.9        69   15.2   282.0       136    9.5   328.4
   3    0.0   999.9        70   15.2   282.0       137    9.6   327.9
   4   16.5   311.1        71   15.4   281.1       138    9.7   327.4
   5   16.7   313.5        72   15.5   280.2       139    9.8   326.9
   6   16.7   315.1        73   15.6   279.6       140    9.9   326.4
   7   16.7   317.0        74   15.5   280.2       141   10.0   326.2
   8   16.6   319.1        75   15.3   280.5       142    9.8   327.0
   9   16.3   321.1        76   14.9   280.9       143    9.6   327.9
  10   15.9   322.9        77   14.6   281.3       144    9.3   328.9
  11   15.5   324.2        78   14.5   281.7       145    9.2   329.6
  12   15.1   325.2        79   14.4   282.3       146    9.3   329.0
  13   15.9   335.5        80   14.4   282.7       147    9.5   327.9
  14   16.4   343.5        81   14.5   282.2       148    9.5   327.9
  15   15.5   343.7        82   14.3   281.3       149    9.5   327.8
  16   14.5   345.3        83   13.5   279.5       150    9.6   327.3
  17   12.8   347.4        84   11.1   277.2       151    9.8   326.8
  18    9.8   346.6        85   10.0   277.3       152    9.8   326.8
  19    6.9   333.2        86    9.8   277.7       153    9.7   327.1
  20    6.2   316.4        87    9.7   278.5       154    9.7   327.5
  21    6.2   306.4        88    9.6   279.1       155    9.7   327.6
  22    6.6   296.3        89    9.6   279.8       156    9.7   327.8
  23    7.4   288.8        90    9.6   280.5       157    9.7   328.0
  24    8.7   284.5        91    9.6   281.2       158    9.8   328.2
  25    9.2   284.1        92    9.6   282.1       159    9.8   328.5
  26   10.1   283.0        93    9.6   283.1       160    9.8   328.7
  27   10.8   282.7        94    9.6   284.0       161   10.0   328.9
  28   11.5   282.7        95    9.7   284.7       162   10.2   328.9
  29   12.1   285.7        96    9.7   284.8       163   10.3   329.0
  30   12.6   289.1        97    9.7   285.0       164   10.5   329.0
  31   12.9   291.5        98    9.7   285.6       165   10.6   329.5
  32   13.3   290.7        99    9.8   286.7       166   10.7   330.0
  33   13.6   289.7       100    9.9   287.7       167   10.8   330.4
  34   13.9   288.8       101    9.9   288.2       168   10.8   331.1
  35   14.1   288.7       102    9.9   288.9       169   11.0   331.9
  36   14.3   289.9       103    9.7   289.9       170   11.2   332.8
  37   14.3   291.1       104    9.2   292.4       171   11.3   333.6
  38   14.4   292.1       105    8.7   296.1       172   11.6   334.4
  39   14.5   292.1       106    8.1   301.3       173   11.9   335.0
  40   14.6   291.7       107    7.6   307.1       174   12.3   335.5
  41   14.6   292.1       108    7.5   310.7       175   12.7   335.9
  42   14.6   292.5       109    7.3   312.9       176   13.0   335.8
  43   14.7   292.2       110    7.1   314.6       177   13.3   335.5
  44   14.8   291.2       111    7.0   316.5       178   13.6   335.2
  45   14.8   290.2       112    6.9   317.7       179   13.9   335.0
  46   14.9   289.1       113    7.0   317.8       180   14.0   335.1
  47   15.0   288.1       114    7.4   317.8       181   14.1   335.1
  48   15.0   287.0       115    7.8   317.2       182   14.1   335.3
  49   15.1   286.0       116    8.1   316.7       183   14.0   335.2
  50   15.0   286.1       117    8.2   316.4       184   13.9   334.9
  51   14.9   286.6       118    8.2   317.4       185   13.8   334.5
  52   14.8   287.1       119    8.2   318.9       186   13.7   334.2
  53   14.9   285.8       120    8.3   320.4       187   13.6   333.8
  54   15.0   284.5       121    8.6   322.3       188   13.5   333.3
  55   15.1   283.3       122    8.9   324.0       189   13.5   333.0
  56   15.2   282.2       123    8.9   325.1       190   13.4   333.2
  57   15.3   282.1       124    8.8   326.7       191   13.7   333.4
  58   15.2   282.6       125    8.7   328.3       192   14.0   333.5
  59   15.2   283.2       126    8.8   328.3       193   14.2   333.5
  60   15.1   283.4       127    9.1   327.7       194   14.4   333.6
  61   15.2   283.1       128    9.2   327.6       195   14.5   333.7
  62   15.2   282.3       129    9.2   328.3       196   14.6   333.7
  63   15.3   281.4       130    9.0   329.2       197   14.7   333.8
  64   15.2   282.3       131    9.0   330.0       198   14.7   333.8
  65   15.1   283.3       132    9.2   329.5
  66   15.0   283.5       133    9.3   328.9
```

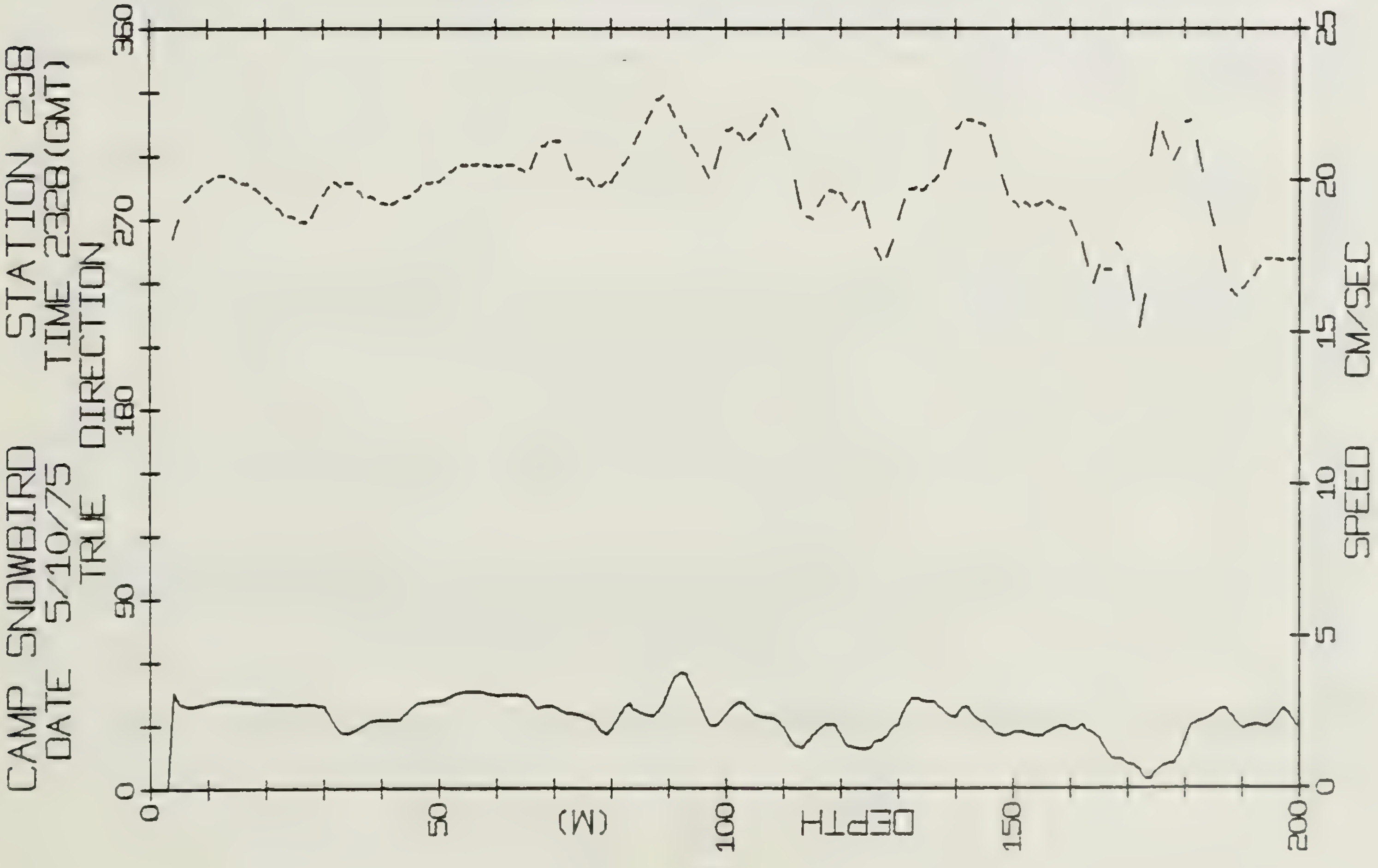

CAMP SNOWBIRD
STATION 296
DATE 4/10/75
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 295
DATE 3/10/75
TIME 2305(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 295     (177M.)        3/OCT/75       2305 GMT
LAT= 74.1628N  LONG= 141.5850W  LTER=      0.  LGER=      0.
NIVEL=    9.2  EIVEL=   -8.9    NVER=      0.  EVER=      0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   14.8   268.4       134   16.6   303.6
  1    0.0   999.9        68   14.7   268.7       135   16.4   305.2
  2    0.0   999.9        69   14.7   269.1       136   16.7   302.3
  3    0.0   999.9        70   14.6   269.6       137   16.7   298.5
  4   18.0   309.5        71   14.5   269.9       138   16.3   296.6
  5   18.5   314.6        72   14.4   270.1       139   16.1   296.6
  6   19.0   316.3        73   14.4   270.4       140   16.2   296.5
  7   18.9   321.0        74   14.4   270.8       141   16.4   296.2
  8   18.5   325.6        75   14.5   270.6       142   17.1   297.0
  9   17.6   330.7        76   14.6   270.4       143   17.0   297.9
 10   16.4   336.9        77   14.8   270.4       144   16.6   299.1
 11   16.2   338.7        78   14.9   270.5       145   16.2   299.7
 12   15.9   340.5        79   15.6   274.0       146   16.2   298.8
 13   15.2   340.4        80   16.2   277.8       147   16.3   296.8
 14   14.1   341.2        81   16.3   280.2       148   16.1   295.1
 15   12.3   345.5        82   15.9   277.9       149   15.8   295.6
 16   10.3   347.8        83   14.9   274.7       150   14.7   294.6
 17    8.2   340.5        84   14.3   274.0       151   13.9   293.5
 18    7.1   331.2        85   14.2   274.2       152   13.3   292.0
 19    6.7   321.4        86   14.0   274.4       153   12.9   290.9
 20    6.7   317.9        87   13.7   274.4       154   12.4   290.4
 21    7.1   303.6        88   13.0   273.9       155   11.9   290.6
 22    8.5   293.0        89   12.3   273.3       156   12.3   287.9
 23   10.4   289.0        90   11.7   273.4       157   12.2   285.1
 24   12.5   289.9        91   11.5   274.0       158   12.5   283.1
 25   14.0   293.8        92   11.5   274.9       159   12.5   283.0
 26   15.0   297.7        93   11.5   275.7       160   12.5   282.9
 27   15.5   300.0        94   11.7   276.8       161   12.6   282.4
 28   15.3   300.1        95   12.0   278.1       162   12.6   282.0
 29   15.1   300.5        96   12.7   279.8       163   12.4   284.0
 30   14.9   300.7        97   13.2   281.5       164   12.1   286.1
 31   14.6   300.9        98   13.3   282.4       165   11.9   286.8
 32   14.2   300.6        99   13.3   283.2       166   11.7   285.3
 33   13.2   299.8       100   13.2   284.1       167   11.6   282.1
 34   12.5   302.4       101   13.1   285.0       168   11.4   280.6
 35   12.4   304.0       102   13.1   285.9       169   11.1   280.8
 36   12.1   304.2       103   12.9   287.0       170   10.8   281.1
 37   11.9   304.4       104   12.3   288.4       171   10.5   280.9
 38   12.2   304.2       105   11.8   290.0       172   10.2   278.6
 39   12.5   304.2       106   11.4   291.7       173    9.9   273.8
 40   12.1   304.4       107   11.1   292.4       174    9.5   270.2
 41   11.5   304.5       108   11.4   292.8       175    9.0   269.0
 42   11.1   301.2       109   12.1   293.3       176    8.6   271.2
 43   11.8   298.6       110   12.9   294.3       177    8.1   273.9
 44   12.3   296.8       111   13.3   295.2
 45   13.1   295.8       112   13.3   295.6
 46   13.9   296.2       113   13.3   296.0
 47   14.4   296.2       114   13.2   296.5
 48   14.6   295.7       115   13.2   297.5
 49   14.5   294.5       116   13.2   298.5
 50   14.7   292.1       117   13.6   299.8
 51   14.9   291.1       118   14.2   300.4
 52   15.3   289.6       119   14.9   300.4
 53   15.3   287.3       120   15.1   300.5
 54   15.3   285.0       121   15.1   301.1
 55   15.3   284.1       122   15.5   301.0
 56   15.4   283.2       123   16.0   301.5
 57   15.6   281.4       124   16.4   301.9
 58   15.6   279.7       125   16.8   302.5
 59   15.5   277.8       126   17.0   302.2
 60   15.5   276.0       127   16.9   301.3
 61   15.0   273.1       128   16.6   299.8
 62   14.7   270.6       129   16.2   298.3
 63   14.8   269.2       130   16.0   297.4
 64   14.8   268.8       131   16.0   297.4
 65   14.9   268.6       132   16.3   299.2
 66   14.9   268.3       133   16.5   301.4
```

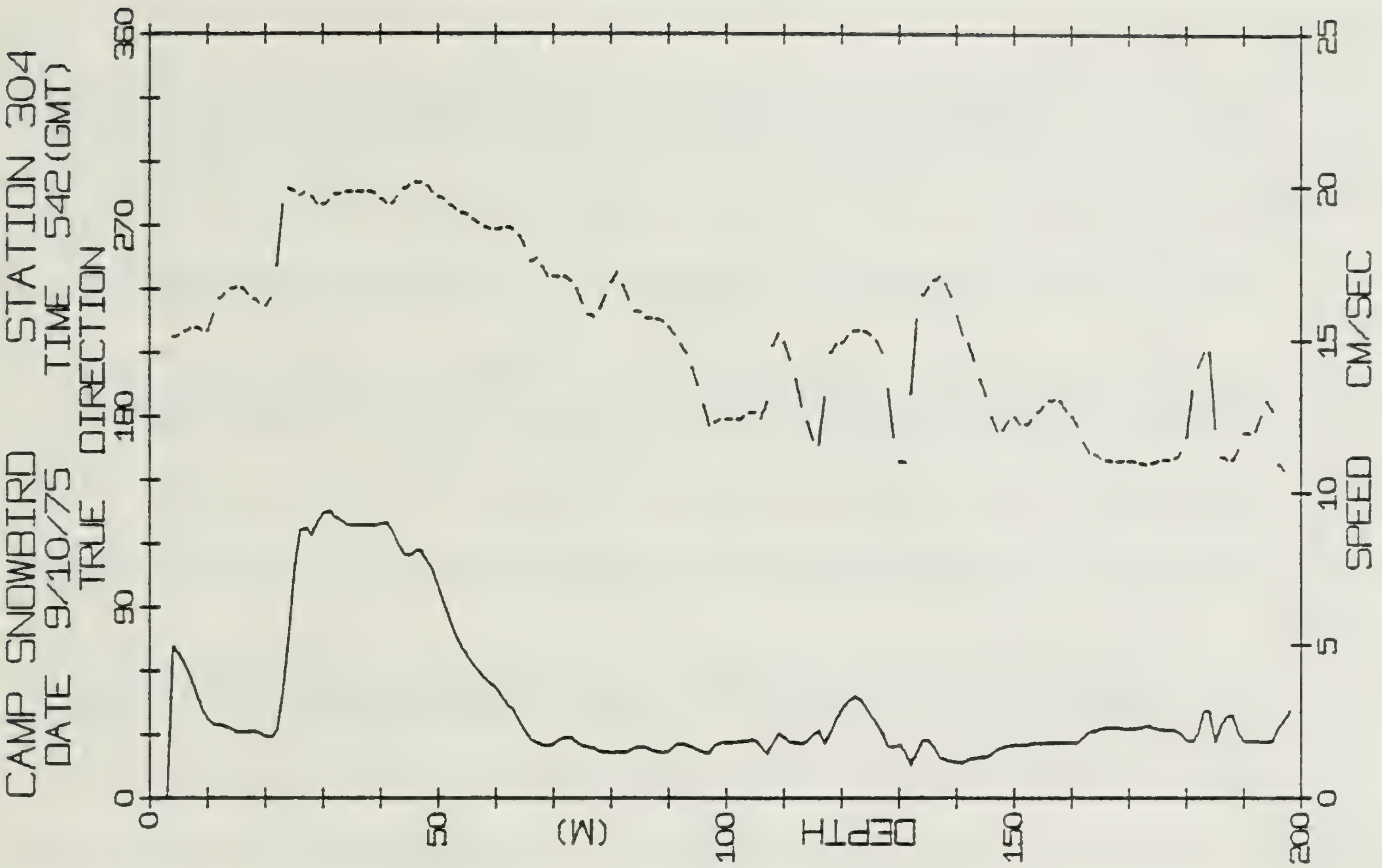
```
SNOWBIRD STATION 296     (198M.)        4/OCT/75        543 GMT
LAT= 74.1839N  LONG= 141.6376W  LTER=      1.  LGER=      2.
NIVEL=   12.5  EIVEL=    7.7    NVER=      0.  EVER=      0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67    4.8   350.1       134    8.9    32.7
  1    0.0   999.9        68    4.2   348.6       135    8.8    31.8
  2    0.0   999.9        69    3.5   345.6       136    8.7    30.3
  3    0.0   999.9        70    2.7   341.6       137    8.6    27.8
  4   14.2    14.0        71    1.9   338.9       138    8.6    25.1
  5   15.5    14.6        72    1.4   332.0       139    8.8    24.1
  6   16.7    13.9        73    1.2   315.2       140    9.0    25.4
  7   17.8    14.3        74    1.2   293.7       141    9.2    26.9
  8   18.6    15.7        75    1.6   280.9       142    9.4    26.6
  9   19.8    17.8        76    2.0   279.7       143    9.5    25.5
 10   20.9    21.5        77    2.1   276.6       144    9.4    25.5
 11   21.1    24.7        78    2.1   270.2       145    9.1    26.3
 12   21.6    27.7        79    2.3   262.6       146    8.7    27.5
 13   21.9    30.6        80    2.4   255.2       147    8.5    28.1
 14   22.0    33.0        81    2.6   250.7       148    8.7    25.5
 15   21.9    34.8        82    2.5   252.8       149    8.9    23.3
 16   21.4    36.8        83    2.5   255.1       150    9.0    21.7
 17   20.8    41.0        84    2.5   259.9       151    9.2    21.3
 18   20.1    46.5        85    2.5   262.3       152    9.3    20.7
 19   19.6    50.0        86    2.6   263.3       153    9.3    20.0
 20   18.6    53.1        87    2.4   263.8       154    9.1    20.3
 21   16.4    57.5        88    2.3   262.4       155    8.9    21.4
 22   15.2    60.4        89    2.2   260.2       156    8.7    22.5
 23   11.9    62.0        90    2.2   256.5       157    8.5    23.3
 24    8.9    45.8        91    2.1   252.2       158    8.4    24.3
 25   10.5    27.3        92    1.4   226.3       159    8.5    26.1
 26   13.0    25.2        93    1.2   192.4       160    8.6    27.3
 27   13.3    22.7        94    1.5   160.7       161    8.8    27.5
 28   12.3    17.6        95    1.7   146.6       162    8.9    27.1
 29    9.9    16.2        96    1.7   138.6       163    8.9    27.3
 30    9.4    17.0        97    1.9   132.9       164    8.9    28.1
 31    9.4    18.4        98    2.2   127.8       165    8.9    29.2
 32    9.4    20.1        99    2.8   114.4       166    8.9    29.0
 33    9.5    19.7       100    3.3   106.0       167    8.7    27.4
 34    9.8    20.8       101    3.6   100.8       168    8.5    27.6
 35    9.8    21.3       102    3.6    96.8       169    8.2    28.4
 36    9.4    21.4       103    3.6    93.4       170    7.8    30.0
 37    9.2    22.1       104    3.7    89.8       171    7.7    32.0
 38    9.5    23.2       105    3.8    86.8       172    7.6    33.6
 39    9.7    23.7       106    4.0    84.2       173    7.9    33.6
 40    9.4    23.8       107    4.2    81.4       174    8.2    32.0
 41    9.1    24.1       108    4.4    78.7       175    8.3    31.2
 42    9.0    24.6       109    4.6    74.7       176    8.4    34.1
 43    9.0    24.6       110    4.9    71.3       177    8.7    35.1
 44    9.0    24.3       111    5.0    70.5       178    8.9    40.2
 45    9.0    24.0       112    5.1    69.6       179    9.2    43.8
 46    8.9    23.8       113    5.3    68.5       180    9.3    47.7
 47    8.7    22.5       114    5.7    69.3       181    9.6    51.3
 48    8.4    20.6       115    6.1    69.3       182    9.7    54.6
 49    8.2    17.2       116    6.6    68.8       183    9.7    56.5
 50    8.3    14.3       117    6.9    67.0       184   10.1    56.3
 51    8.4    11.8       118    7.1    64.5       185   10.5    57.3
 52    8.6    10.7       119    7.3    62.1       186   11.0    58.1
 53    8.7    10.8       120    7.4    60.1       187   11.9    58.2
 54    8.9    10.4       121    7.6    58.1       188   12.6    57.2
 55    9.1     9.6       122    7.6    56.3       189   13.4    56.3
 56    8.9     8.7       123    7.7    54.6       190   13.7    55.5
 57    8.6     7.1       124    7.7    52.9       191   14.1    53.9
 58    8.1     6.5       125    7.7    51.5       192   14.7    52.2
 59    7.5     6.0       126    7.8    50.2       193   15.7    50.8
 60    6.9     5.8       127    7.7    46.0       194   16.8    49.5
 61    6.3     5.0       128    8.0    43.2       195   17.5    48.9
 62    6.0     2.0       129    8.4    41.8       196   18.4    47.0
 63    5.8   358.7       130    8.7    40.4       197   19.1    44.1
 64    5.6   356.1       131    8.9    38.6       198   20.0    38.9
 65    5.4   353.4       132    9.0    36.3
 66    5.2   350.9       133    9.0    34.0
```

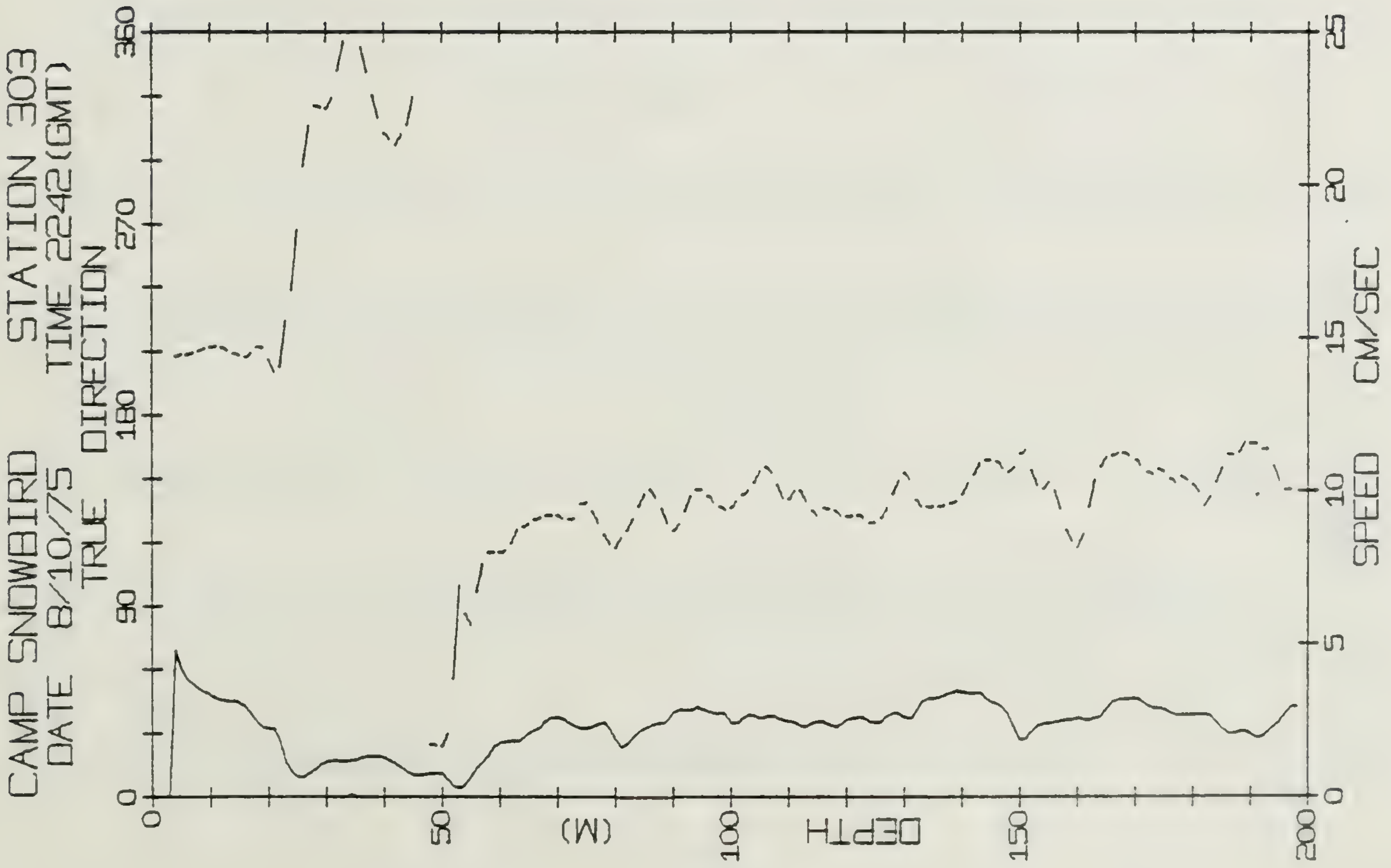

CAMP SNOWBIRD STATION 301
DATE 7/10/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 298
DATE 5/10/75 TIME 2328(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 298     (200M )       5/OCT/75     2328 GMT
LAT= 74.2539N  LONG= 141.9674W  LTER=     1   LGER=     1.
NIVEL=   0.5   EIVEL=  -5.2     NVER=     0   EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   2.6  301.3      134   2.9  283.6
  1   0.0  999.9       68   2.7  304.4      135   2.8  285.4
  2   0.0  999.9       69   2.7  306.6      136   2.9  287.6
  3   0.0  999.9       70   2.7  307.0      137   2.7  291.0
  4   3.2  260.9       71   2.6  306.6      138   2.5  293.8
  5   2.8  269.9       72   2.5  300.9      139   2.4  302.4
  6   2.7  278.8       73   2.4  293.3      140   2.4  312.8
  7   2.7  280.9       74   2.4  289.1      141   2.6  315.5
  8   2.7  283.0       75   2.4  289.8      142   2.7  316.9
  9   2.8  286.1       76   2.3  288.8      143   2.4  316.3
 10   2.8  287.8       77   2.2  285.8      144   2.3  315.1
 11   2.9  289.6       78   1.9  285.5      145   2.2  314.2
 12   2.9  290.7       79   1.8  287.3      146   2.0  309.3
 13   2.9  290.5       80   1.9  287.7      147   1.8  299.9
 14   2.9  289.5       81   2.3  291.9      148   1.7  290.8
 15   2.9  287.6       82   2.6  295.6      149   1.8  281.6
 16   2.8  286.7       83   2.8  299.2      150   1.9  278.3
 17   2.8  286.4       84   2.6  305.9      151   1.9  275.6
 18   2.8  284.7       85   2.5  311.1      152   1.8  277.7
 19   2.8  282.6       86   2.4  315.4      153   1.7  275.6
 20   2.8  280.3       87   2.4  320.9      154   1.7  276.6
 21   2.8  277.9       88   2.5  326.4      155   1.7  278.0
 22   2.8  275.5       89   2.8  328.2      156   1.9  278.3
 23   2.8  272.7       90   3.2  324.2      157   2.0  276.3
 24   2.8  271.6       91   3.7  319.0      158   2.1  275.1
 25   2.8  270.6       92   3.8  314.0      159   2.1  274.4
 26   2.8  268.8       93   3.8  309.0      160   1.9  269.0
 27   2.8  268.9       94   3.4  304.9      161   2.0  262.5
 28   2.8  271.1       95   3.0  300.3      162   2.1  258.6
 29   2.7  276.8       96   2.5  295.2      163   1.9  247.4
 30   2.7  281.4       97   2.1  289.4      164   1.8  239.7
 31   2.4  285.5       98   2.1  294.0      165   1.7  247.8
 32   2.1  287.2       99   2.2  304.0      166   1.3  245.8
 33   1.8  285.6      100   2.5  311.8      167   1.0  246.1
 34   1.8  287.0      101   2.7  313.1      168   1.0  258.3
 35   1.9  287.2      102   2.8  310.8      169   0.9  255.4
 36   2.0  283.5      103   2.8  307.7      170   0.8  247.4
 37   2.1  280.7      104   2.6  308.1      171   0.7  231.2
 38   2.2  280.8      105   2.4  310.3      172   0.6  218.9
 39   2.3  279.2      106   2.3  314.2      173   0.3  233.7
 40   2.3  277.7      107   2.3  319.1      174   0.3  300.0
 41   2.3  277.0      108   2.3  322.4      175   0.6  315.1
 42   2.3  277.5      109   2.2  319.1      176   0.7  310.9
 43   2.3  279.0      110   2.0  312.0      177   0.8  303.3
 44   2.4  280.3      111   1.7  303.0      178   0.8  298.2
 45   2.6  281.2      112   1.4  288.2      179   1.1  303.5
 46   2.8  283.3      113   1.3  275.1      180   1.6  316.0
 47   2.8  286.0      114   1.5  271.1      181   2.1  317.0
 48   2.9  287.0      115   1.7  269.7      182   2.2  306.8
 49   2.9  287.5      116   1.9  276.2      183   2.2  292.8
 50   2.9  288.0      117   2.1  280.5      184   2.3  278.1
 51   3.0  289.7      118   2.1  283.2      185   2.4  266.8
 52   3.1  292.4      119   2.1  282.3      186   2.6  256.7
 53   3.2  294.5      120   1.8  281.8      187   2.6  244.8
 54   3.2  295.5      121   1.4  277.7      188   2.4  236.2
 55   3.2  295.6      122   1.4  274.4      189   2.2  233.1
 56   3.2  295.8      123   1.3  278.1      190   2.0  237.2
 57   3.2  296.0      124   1.3  277.7      191   2.0  240.2
 58   3.1  295.5      125   1.4  265.9      192   2.1  242.9
 59   3.1  295.2      126   1.6  256.2      193   2.1  247.3
 60   3.1  295.1      127   1.6  250.6      194   2.0  250.8
 61   3.1  295.7      128   1.8  252.1      195   2.1  251.4
 62   3.1  295.9      129   2.0  259.9      196   2.3  250.4
 63   3.1  295.3      130   2.1  270.1      197   2.6  249.9
 64   3.1  293.8      131   2.6  278.9      198   2.5  250.7
 65   3.0  292.6      132   2.9  283.9      199   2.2  251.1
 66   2.9  294.2      133   3.0  284.8      200   1.9  250.2
```

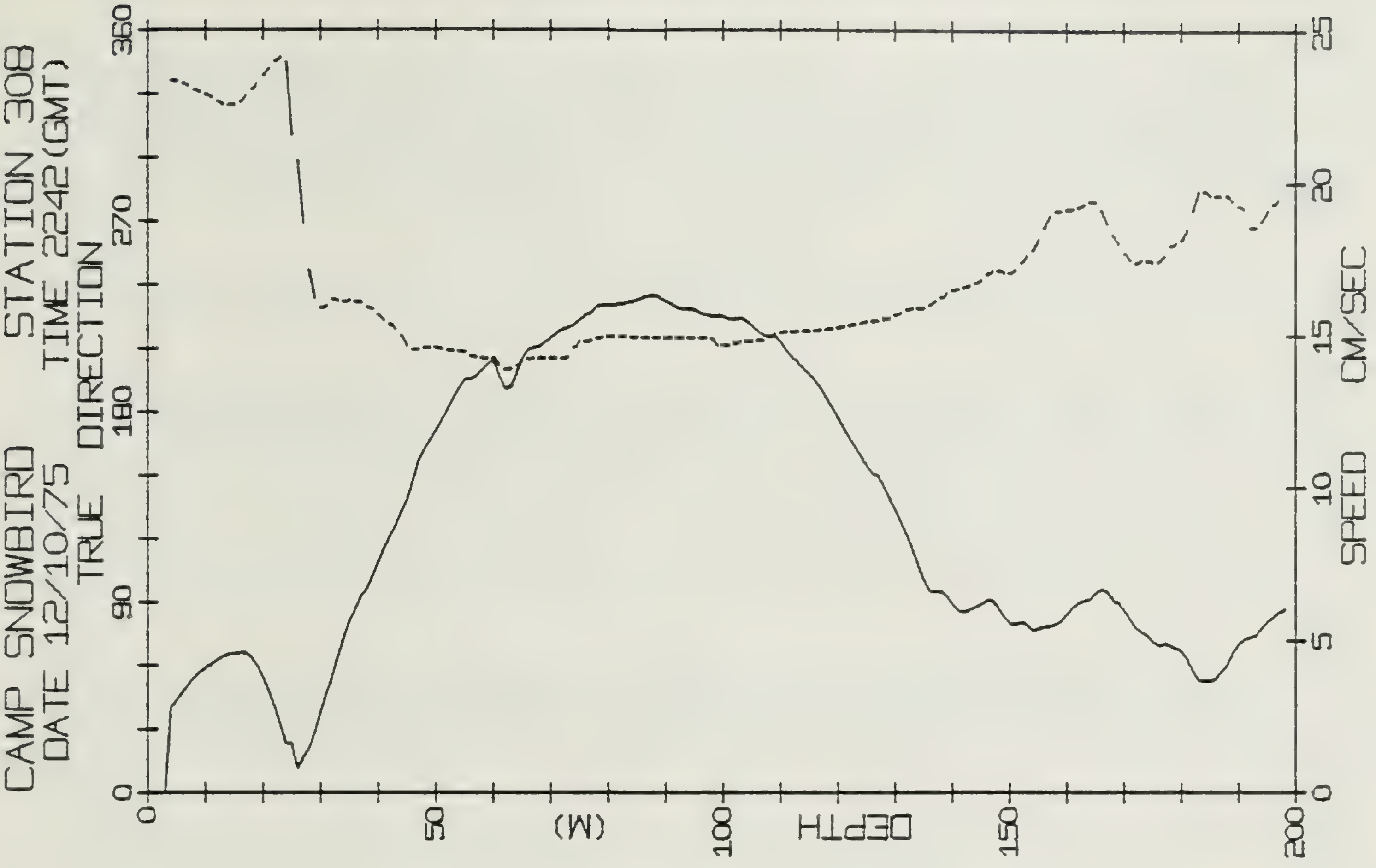
```
SNOWBIRD STATION 301     (200M.)       7/OCT/75     2242 GMT
LAT= 74.2153N  LONG= 142.1797W  LTER=     1   LGER=     2.
NIVEL=  -4.3   EIVEL=   1.5     NVER=     0.  EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   3.0  119.5      134   2.3  131.7
  1   0.0  999.9       68   3.0  120.6      135   2.3  136.8
  2   0.0  999.9       69   2.8  122.1      136   2.2  141.2
  3   0.0  999.9       70   2.7  124.0      137   2.1  144.9
  4   2.5  189.4       71   2.6  126.8      138   2.1  146.3
  5   2.4  185.8       72   2.5  129.9      139   2.0  150.4
  6   2.2  181.3       73   2.5  132.7      140   1.9  165.9
  7   2.2  177.7       74   2.5  124.3      141   2.2  181.4
  8   2.1  173.8       75   2.6  116.6      142   2.2  183.2
  9   2.1  173.1       76   2.7  110.2      143   2.1  180.6
 10   2.1  173.5       77   2.7  103.3      144   2.0  172.3
 11   2.1  172.9       78   2.8   97.1      145   1.6  158.6
 12   2.0  172.1       79   2.8   94.8      146   1.7  146.2
 13   2.0  171.4       80   2.5   97.4      147   1.7  141.9
 14   2.0  169.4       81   2.2  102.0      148   1.7  138.0
 15   1.9  166.3       82   2.0  108.3      149   1.6  135.1
 16   1.9  163.9       83   1.9  112.2      150   1.6  134.6
 17   1.9  161.9       84   2.2  115.0      151   1.5  134.7
 18   1.9  160.2       85   2.4  118.0      152   1.5  136.0
 19   1.9  160.1       86   2.5  122.9      153   1.5  138.0
 20   1.9  158.5       87   2.7  129.6      154   1.6  137.8
 21   1.6  155.7       88   2.7  128.9      155   1.8  136.6
 22   1.5  157.7       89   2.7  128.9      156   2.0  134.4
 23   1.5  160.3       90   2.6  130.9      157   2.4  130.4
 24   1.6  162.9       91   2.4  133.3      158   2.7  127.2
 25   1.6  163.7       92   2.2  136.1      159   3.0  124.9
 26   1.7  159.4       93   2.1  137.8      160   3.2  123.4
 27   2.6  132.8       94   2.0  135.4      161   3.4  126.3
 28   3.1  110.8       95   2.1  130.8      162   3.5  126.8
 29   4.7   86.2       96   2.4  127.7      163   3.5  127.4
 30   6.2   78.9       97   2.5  127.4      164   3.5  128.4
 31   7.4   76.0       98   2.4  128.9      165   3.5  129.7
 32   8.2   76.4       99   2.3  132.8      166   3.5  131.2
 33   8.6   74.5      100   2.3  136.6      167   3.4  132.3
 34   9.0   73.2      101   2.4  135.3      168   3.2  133.5
 35   9.2   72.6      102   2.6  132.6      169   3.2  135.0
 36   9.1   71.5      103   2.7  130.7      170   3.1  136.9
 37   9.0   69.5      104   2.8  129.6      171   3.1  138.7
 38   8.9   70.3      105   2.9  128.7      172   2.7  140.2
 39   8.7   70.9      106   3.0  128.5      173   2.5  136.5
 40   8.4   72.1      107   3.0  129.2      174   2.4  138.3
 41   8.0   73.3      108   2.9  130.6      175   2.3  141.4
 42   7.8   74.2      109   2.7  132.9      176   2.2  141.7
 43   7.5   75.2      110   2.5  136.1      177   2.2  139.1
 44   7.3   76.0      111   2.4  138.3      178   2.2  138.5
 45   7.0   77.1      112   2.5  135.6      179   2.2  138.1
 46   6.8   78.1      113   2.7  133.0      180   2.3  136.5
 47   6.4   79.0      114   2.8  131.0      181   2.2  135.6
 48   5.8   80.0      115   2.9  129.6      182   2.0  133.8
 49   5.3   84.0      116   2.9  129.1      183   1.8  130.2
 50   5.1   86.7      117   2.9  128.6      184   1.6  131.5
 51   5.0   88.3      118   2.9  125.7      185   1.6  133.2
 52   4.9   89.7      119   2.9  121.1      186   1.5  130.7
 53   4.8   91.3      120   2.9  113.8      187   1.2  135.2
 54   4.7   93.2      121   2.9  108.2      188   1.0  142.1
 55   4.8   94.2      122   2.8  106.4      189   0.7  144.9
 56   4.8   95.9      123   2.7  108.5      190   1.1  166.7
 57   4.8   97.5      124   2.3  112.6      191   1.9  167.6
 58   4.7   99.0      125   1.9  118.9      192   2.1  169.6
 59   4.4   99.4      126   1.7  126.0      193   2.1  165.2
 60   4.1  100.3      127   1.8  127.2      194   2.1  159.3
 61   3.8  101.4      128   2.0  126.1      195   2.1  153.3
 62   3.5  104.1      129   2.1  127.4      196   2.1  150.6
 63   3.3  107.4      130   2.3  126.5      197   2.1  151.1
 64   3.0  110.8      131   2.4  125.0      198   2.0  154.7
 65   3.0  114.3      132   2.5  124.4      199   2.1  161.9
 66   3.0  118.4      133   2.5  126.3      200   2.8  152.7
```

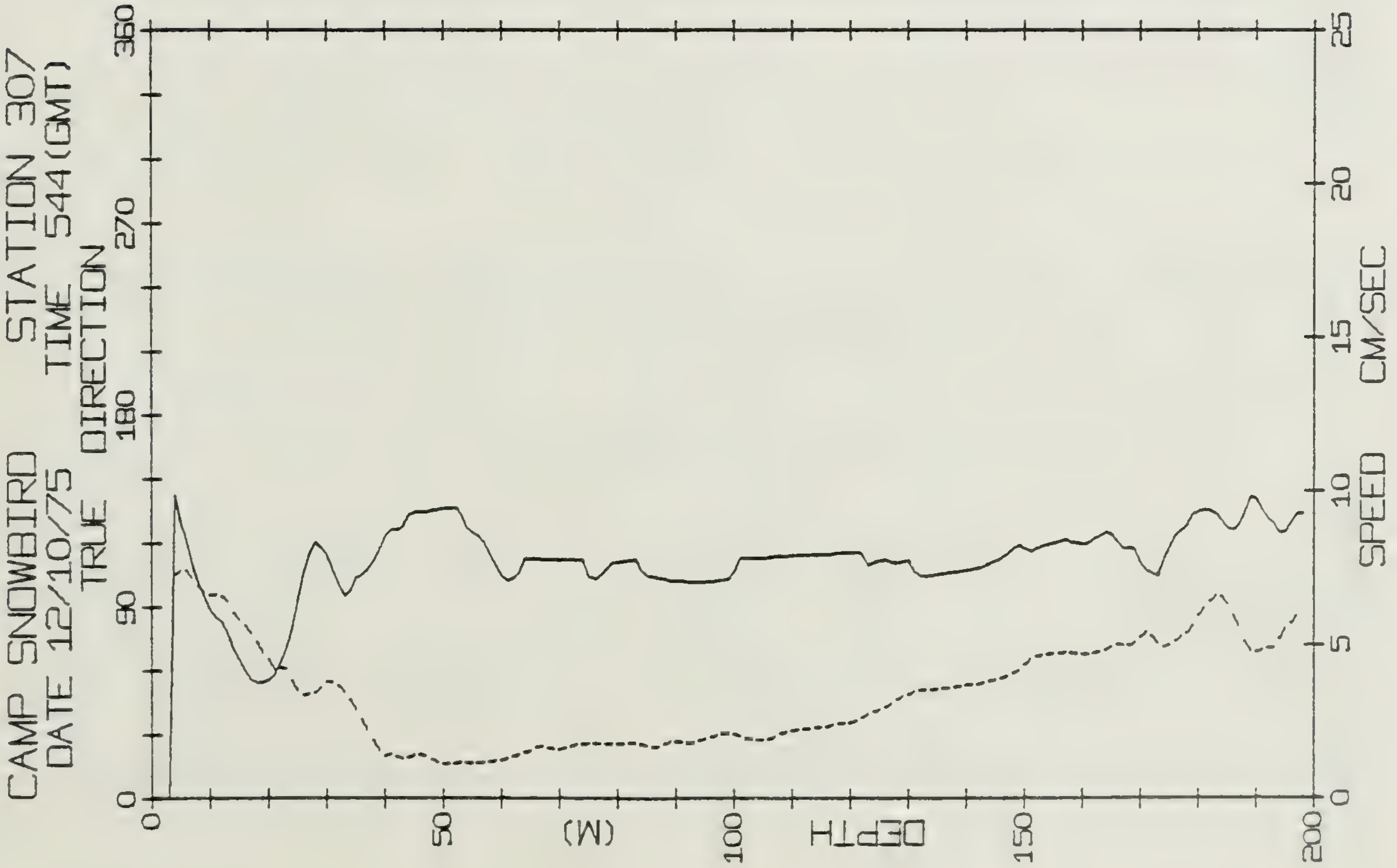

CAMP SNOWBIRD STATION 304
DATE 9/10/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 303
DATE 8/10/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 303     (198M.)        8/OCT/75      2242 GMT
LAT= 74.1872N  LONG= 142.1887W  LTER=      0   LGER=      1.
NIVEL=  -6.2   EIVEL=    0.6    NVER=      0   EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    2.3   131.8      134    3.2   136.5
  1    0.0   999.9       68    2.5   132.7      135    3.2   137.1
  2    0.0   999.9       69    2.6   132.7      136    3.3   136.9
  3    0.0   999.9       70    2.6   132.6      137    3.3   137.8
  4    4.8   207.4       71    2.5   130.7      138    3.4   138.6
  5    4.2   208.4       72    2.4   130.8      139    3.5   139.6
  6    3.8   208.3       73    2.3   131.1      140    3.4   142.4
  7    3.7   209.3       74    2.2   138.0      141    3.4   147.5
  8    3.5   210.2       75    2.3   138.7      142    3.4   151.9
  9    3.4   211.3       76    2.3   134.8      143    3.4   156.7
 10    3.3   211.9       77    2.4   129.1      144    3.2   158.5
 11    3.2   212.5       78    2.5   123.7      145    3.1   159.1
 12    3.1   211.6       79    2.2   119.4      146    3.0   158.0
 13    3.1   209.9       80    1.9   117.5      147    2.9   155.0
 14    3.1   208.9       81    1.6   121.9      148    2.7   153.1
 15    3.0   207.6       82    1.7   125.3      149    2.2   155.2
 16    2.9   206.8       83    1.9   130.5      150    1.9   161.8
 17    2.7   208.9       84    2.1   136.7      151    1.9   163.6
 18    2.4   211.7       85    2.2   142.5      152    2.1   153.8
 19    2.3   211.4       86    2.3   144.6      153    2.3   146.4
 20    2.2   206.0       87    2.4   140.9      154    2.4   145.2
 21    2.2   200.2       88    2.4   135.9      155    2.4   148.3
 22    1.9   202.6       89    2.5   128.6      156    2.5   144.4
 23    1.1   224.2       90    2.8   125.4      157    2.5   135.9
 24    0.8   238.4       91    2.9   128.3      158    2.5   125.7
 25    0.6   267.1       92    2.8   134.5      159    2.5   120.5
 26    0.6   296.9       93    2.8   141.7      160    2.6   117.7
 27    0.8   315.7       94    2.9   144.7      161    2.5   123.6
 28    0.9   325.3       95    2.9   144.5      162    2.5   136.8
 29    1.0   324.7       96    2.8   142.0      163    2.6   149.3
 30    1.2   324.2       97    2.7   139.1      164    2.6   155.5
 31    1.2   328.7       98    2.7   136.9      165    2.9   160.1
 32    1.1   341.9       99    2.7   135.1      166    3.1   161.0
 33    1.2   355.5      100    2.4   136.3      167    3.2   162.2
 34    1.2     0.9      101    2.4   139.3      168    3.2   162.1
 35    1.2     0.5      102    2.6   142.1      169    3.2   160.6
 36    1.3   352.8      103    2.7   144.4      170    3.2   158.9
 37    1.3   341.5      104    2.6   148.1      171    3.1   155.9
 38    1.3   330.3      105    2.6   152.9      172    3.0   152.9
 39    1.3   319.5      106    2.6   155.2      173    2.9   151.8
 40    1.3   312.6      107    2.7   153.0      174    2.9   154.1
 41    1.2   309.8      108    2.6   147.2      175    2.8   153.0
 42    1.1   307.1      109    2.5   140.7      176    2.7   150.1
 43    0.9   311.5      110    2.5   140.2      177    2.7   147.8
 44    0.8   316.3      111    2.4   144.0      178    2.7   150.7
 45    0.7   329.4      112    2.3   144.4      179    2.7   149.3
 46    0.7   351.8      113    2.3   139.4      180    2.7   147.1
 47    0.7    16.7      114    2.4   134.9      181    2.7   143.7
 48    0.8    25.1      115    2.5   132.4      182    2.7   137.4
 49    0.8    24.2      116    2.4   135.9      183    2.6   141.4
 50    0.7    23.7      117    2.3   135.3      184    2.4   148.0
 51    0.6    29.7      118    2.3   134.5      185    2.2   154.7
 52    0.3    55.6      119    2.4   132.5      186    2.1   161.3
 53    0.3    99.2      120    2.5   132.1      187    2.1   161.2
 54    0.4    86.2      121    2.6   132.5      188    2.1   162.3
 55    0.6    81.6      122    2.6   132.9      189    2.1   166.7
 56    0.9    96.5      123    2.6   131.1      190    2.0   166.5
 57    1.1   109.5      124    2.5   129.2      191    1.9   166.3
 58    1.3   114.9      125    2.4   128.5      192    2.0   164.1
 59    1.6   115.4      126    2.5   131.3      193    2.1   163.8
 60    1.8   115.0      127    2.7   136.0      194    2.3   155.9
 61    1.8   116.2      128    2.7   142.5      195    2.5   148.7
 62    1.9   119.5      129    2.7   149.0      196    2.7   145.0
 63    1.8   125.7      130    2.6   152.2      197    2.9   145.0
 64    1.9   127.2      131    2.5   149.5      198    3.0   148.0
 65    2.1   128.7      132    2.8   140.2
 66    2.2   130.4      133    3.1   136.7
```

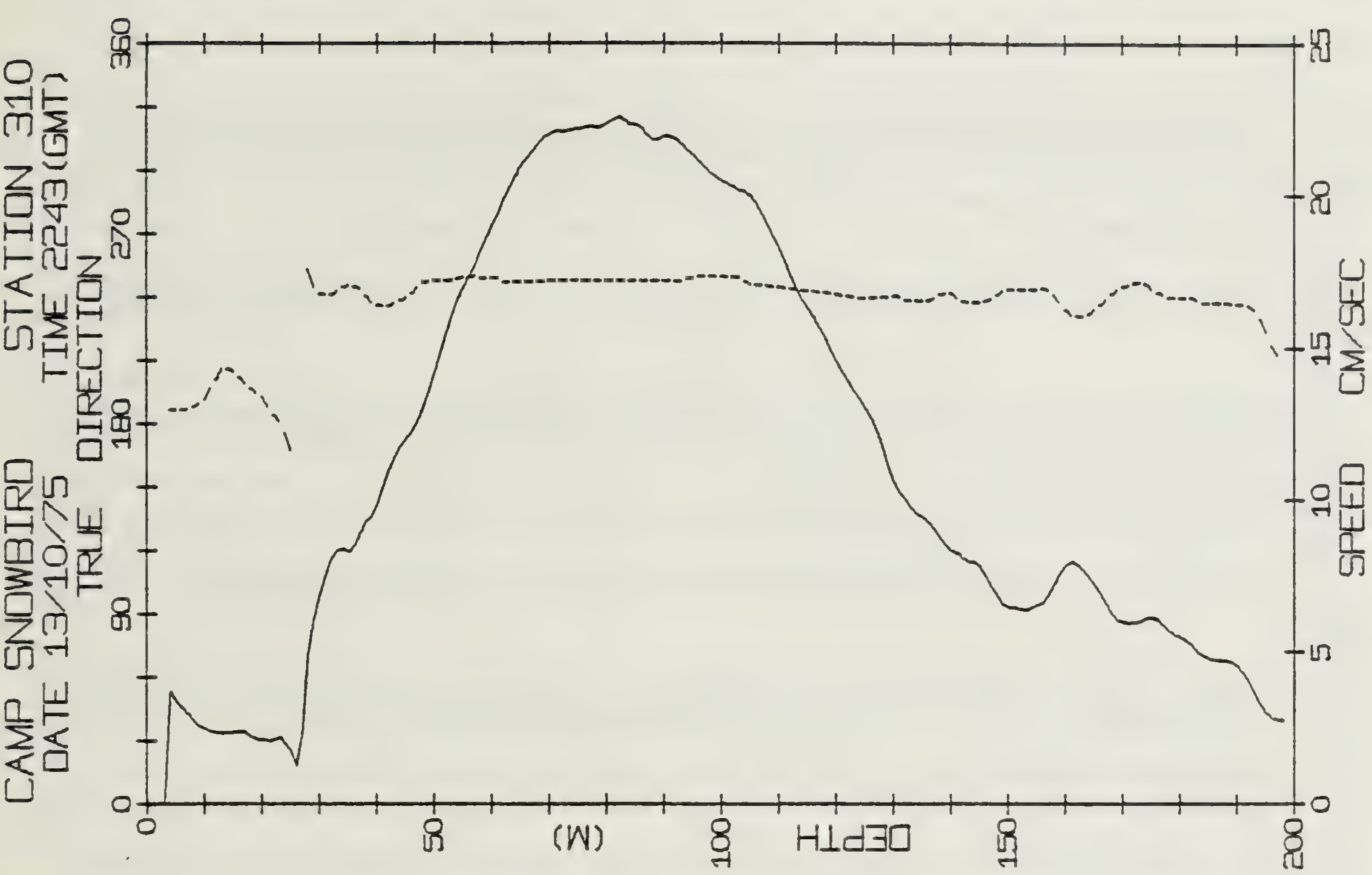
```
SNOWBIRD STATION 304     (198M.)        9/OCT/75       542 GMT
LAT= 74.1752N  LONG= 142.1899W  LTER=     0.   LGER=     0.
NIVEL=  -4.4   EIVEL=   -0.6    NVER=     0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    1.8   254.7      134    1.9   237.1
  1    0.0   999.9       68    1.7   250.9      135    1.9   241.1
  2    0.0   999.9       69    1.7   246.2      136    1.7   244.4
  3    0.0   999.9       70    1.8   246.2      137    1.3   246.1
  4    4.9   217.6       71    1.9   245.8      138    1.2   242.8
  5    4.7   218.6       72    2.0   245.8      139    1.2   236.8
  6    4.4   220.3       73    2.0   243.8      140    1.1   227.7
  7    4.0   221.6       74    1.8   240.5      141    1.2   218.6
  8    3.5   222.2       75    1.7   233.4      142    1.3   214.7
  9    2.9   220.4       76    1.7   228.2      143    1.3   206.5
 10    2.6   220.1       77    1.6   226.7      144    1.4   197.7
 11    2.4   228.1       78    1.5   230.8      145    1.4   190.2
 12    2.4   235.3       79    1.5   237.0      146    1.5   179.9
 13    2.3   237.8       80    1.5   243.4      147    1.6   173.3
 14    2.2   240.2       81    1.5   248.0      148    1.7   173.7
 15    2.2   241.3       82    1.5   242.1      149    1.7   178.1
 16    2.1   240.5       83    1.6   235.4      150    1.7   179.5
 17    2.2   237.9       84    1.7   229.8      151    1.7   176.5
 18    2.2   235.4       85    1.7   229.1      152    1.8   176.2
 19    2.1   233.3       86    1.6   226.6      153    1.8   178.6
 20    2.0   232.2       87    1.6   226.2      154    1.8   181.7
 21    2.0   235.6       88    1.5   225.6      155    1.8   185.1
 22    2.2   251.0       89    1.5   224.6      156    1.8   187.5
 23    3.4   279.6       90    1.6   222.1      157    1.8   188.6
 24    5.2   287.3       91    1.7   218.5      158    1.8   187.3
 25    7.4   286.1       92    1.8   214.1      159    1.8   183.0
 26    8.8   284.3       93    1.7   210.0      160    1.8   180.2
 27    8.9   286.3       94    1.7   203.3      161    1.8   175.5
 28    8.6   283.6       95    1.6   194.9      162    2.0   168.2
 29    9.0   280.1       96    1.5   185.7      163    2.2   163.2
 30    9.3   280.0       97    1.5   175.8      164    2.2   162.2
 31    9.4   281.8       98    1.8   177.4      165    2.3   160.4
 32    9.2   284.5       99    1.8   179.0      166    2.3   159.3
 33    9.1   285.4      100    1.8   178.7      167    2.3   159.0
 34    9.0   286.0      101    1.8   178.9      168    2.3   159.2
 35    9.0   285.9      102    1.9   178.4      169    2.3   159.6
 36    9.0   285.9      103    1.9   180.3      170    2.3   159.1
 37    9.0   285.9      104    1.9   181.9      171    2.3   158.8
 38    8.9   285.9      105    1.9   182.0      172    2.3   157.9
 39    8.9   284.9      106    1.7   179.6      173    2.4   157.2
 40    9.0   282.5      107    1.4   187.0      174    2.3   158.4
 41    9.0   280.5      108    1.8   213.4      175    2.2   159.5
 42    8.8   280.5      109    2.1   219.2      176    2.2   159.9
 43    8.3   283.9      110    2.0   215.0      177    2.2   159.5
 44    8.0   287.3      111    1.8   206.7      178    2.2   160.6
 45    8.0   289.0      112    1.8   197.7      179    2.1   163.3
 46    8.1   290.0      113    1.8   185.1      180    1.9   170.3
 47    8.1   290.2      114    1.9   177.5      181    1.8   192.1
 48    7.8   288.6      115    2.1   169.2      182    2.1   203.7
 49    7.5   285.7      116    2.2   166.9      183    2.8   210.1
 50    6.9   283.5      117    1.8   189.3      184    2.8   210.9
 51    6.4   282.1      118    2.1   210.2      185    1.8   174.9
 52    5.8   279.7      119    2.6   214.1      186    2.4   161.2
 53    5.3   277.7      120    2.9   215.1      187    2.7   160.0
 54    5.0   276.0      121    3.2   217.7      188    2.7   159.7
 55    4.7   274.8      122    3.3   220.3      189    2.1   164.4
 56    4.4   273.0      123    3.3   220.9      190    1.9   172.4
 57    4.1   271.0      124    3.0   220.1      191    1.9   171.9
 58    3.9   269.2      125    2.7   218.3      192    1.8   173.4
 59    3.7   268.1      126    2.5   216.0      193    1.8   180.6
 60    3.6   268.3      127    2.1   210.1      194    1.9   187.2
 61    3.3   269.1      128    1.7   193.3      195    1.9   183.1
 62    3.0   269.5      129    1.7   170.2      196    2.3   158.0
 63    2.9   268.0      130    1.8   159.1      197    2.5   155.0
 64    2.5   265.4      131    1.5   158.3      198    2.8   153.3
 65    2.2   260.2      132    1.1   190.7
 66    1.9   253.3      133    1.5   225.9
```

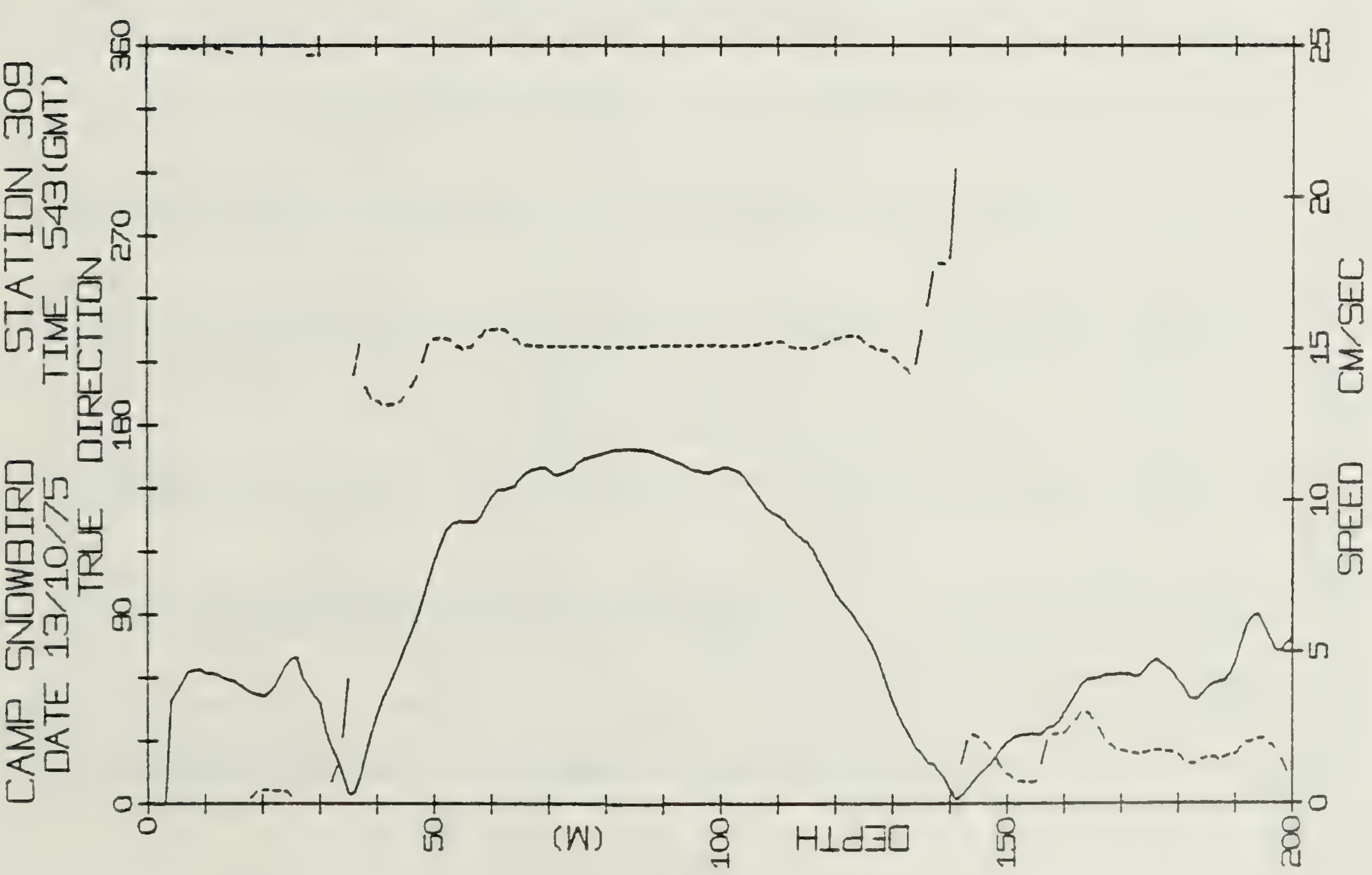

CAMP SNOWBIRD
STATION 308
DATE 12/10/75
TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 307
DATE 12/10/75
TIME 544(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 307     (198M.)     12/OCT/75        544 GMT
LAT= 74.1185N  LONG= 141.8164W  LTER=      1.   LCER=      2
NIVEL=    1 8   EIVEL=   15.1       NVER=      0    EVER=      0.


DPT    SPD    DRN         DPT    SPD    DRN         DPT    SPD    DRN
  0    0.0   999 9         67    7.8    25.0        134    7.3    51.2
  1    0 0   999.9         68    7.8    23.9        135    7.3    51.5
  2    0.0   999.9         69    7.8    23 1        136    7.3    51.9
  3    0 0   999 9         70    7.8    23.4        137    7.4    52.3
  4    9 9   105.5         71    7.8    24 2        138    7.4    52.7
  5    9 0   107 3         72    7.8    25.0        139    7.4    53.0
  6    8.4   107.0         73    7.8    25.8        140    7.5    53.4
  7    7.6   103.5         74    7.8    26.0        141    7.5    53.7
  8    7 1   100.0         75    7.2    26 1        142    7.5    54.0
  9    6.6    96.8         76    7.1    25.8        143    7.6    54.5
 10    6.2    95.5         77    7.3    25.7        144    7.7    55.3
 11    5.9    95.9         78    7.5    25.6        145    7.8    56.0
 12    5.7    94 8         79    7.7    25.6        146    7.8    56.7
 13    5.4    92.7         80    7.7    25.5        147    8.0    57.7
 14    4 9    87 2         81    7.7    25.8        148    8.1    58.8
 15    4.5    84.0         82    7.8    26.0        149    8.3    60.3
 16    4.2    81.5         83    7.8    26.0        150    8.1    62.9
 17    3.9    77.7         84    7.4    25.2        151    8.0    65.3
 18    3.8    73.9         85    7.2    24.5        152    8.1    66.5
 19    3.8    68.7         86    7.2    23.8        153    8.2    67.4
 20    3.9    65.4         87    7.2    24.6        154    8.3    67.7
 21    4.0    61.0         88    7.1    25.7        155    8.3    68.0
 22    4.4    61.5         89    7.1    26.9        156    8.4    68.3
 23    4.9    60.9         90    7.1    26.5        157    8.4    68.5
 24    5.5    55.6         91    7.1    26.3        158    8.3    67.9
 25    6 5    50.6         92    7.1    26.1        159    8.3    67.7
 26    7.3    48.8         93    7.1    26.6        160    8.3    67.5
 27    8.0    49.6         94    7.1    27.4        161    8.3    67.8
 28    8.3    50.0         95    7.1    28.3        162    8.5    68.5
 29    8.2    52.2         96    7.1    29.1        163    8.6    69.1
 30    7.9    54.8         97    7.1    30.0        164    8.7    69.7
 31    7.5    54.6         98    7.1    30.6        165    8.6    71.6
 32    7.0    53 1         99    7.2    30.7        166    8.4    72 5
 33    6.6    50.4        100    7.4    30.0        167    8.1    72.0
 34    6.8    46.7        101    7.8    29.2        168    8.2    72.0
 35    7.2    42.1        102    7.8    28.4        169    8.1    73.3
 36    7.3    37 2        103    7.8    27.6        170    7.7    75.8
 37    7.5    32 1        104    7.8    27.2        171    7.4    78.2
 38    7.8    27.4        105    7.8    27 5        172    7.3    76.4
 39    8.1    22.9        106    7.9    28.2        173    7.2    73.1
 40    8.5    20.6        107    7.9    29.3        174    7.8    71.5
 41    8 8    21.1        108    7.9    30.6        175    8.2    72.2
 42    8.8    19.9        109    7.9    31.6        176    8.5    74.0
 43    8.9    18.6        110    7.9    32.2        177    8.7    76.0
 44    9 2    19.6        111    7.9    32.5        178    8.9    77.7
 45    9 3    20.7        112    7.9    32.8        179    9.3    81.0
 46    9.3    20 8        113    7.9    33.1        180    9.4    86.0
 47    9.4    19 7        114    7.9    33.4        181    9.4    89.4
 48    9.4    18.4        115    8.0    33.7        182    9.4    92.4
 49    9.4    17.1        116    8.0    34.0        183    9.3    94.9
 50    9.5    16.3        117    8.0    34.8        184    9.1    94.5
 51    9 5    16.6        118    8.0    35.3        185    8.8    91.3
 52    9 5    16.9        119    8.0    35.6        186    8.7    85.9
 53    9.3    17.2        120    8.0    35.8        187    8 9    80.5
 54    8.8    16.9        121    8.0    36.6        188    9.3    73.8
 55    8.6    16.9        122    7.9    37.9        189    9.8    69.4
 56    8 5    17 1        123    7.6    39.8        190    9.8    68.6
 57    8.3    17.3        124    7.7    40.8        191    9.4    69.7
 58    8.0    17 7        125    7.8    41.8        192    9.1    70.5
 59    7.6    17.9        126    7.8    43.1        193    9.0    71.0
 60    7.3    18.3        127    7.7    44.7        194    8.6    75.0
 61    7.1    19.1        128    7.7    46.7        195    8.7    79.6
 62    7.2    20.1        129    7.7    48.2        196    9.0    82.2
 63    7 4    21 0        130    7.8    49.0        197    9.3    85.9
 64    7 8    21.7        131    7.4    50 5        198    9.3    92.8
 65    7.8    22.7        132    7.2    51.1
 66    7 8    24.3        133    7.3    51.0
```

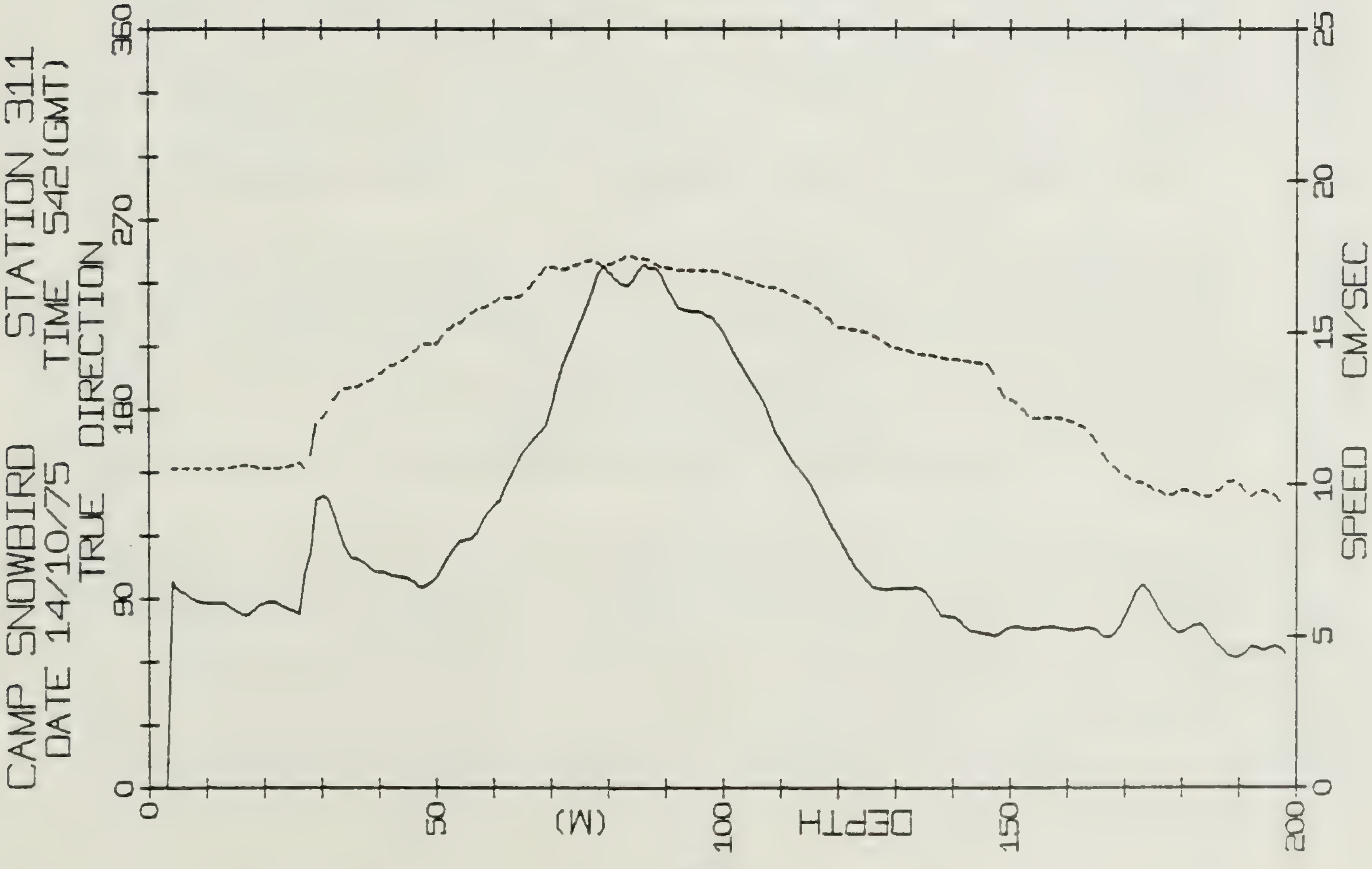
```
SNOWBIRD STATION 308     (198M.)     12/OCT/75       2242 GMT
LAT= 74.1192N  LONG= 141.6556W  LTER=      8.   LGER=     23.
NIVEL=    1 3   EIVEL=   -3.3       NVER=      0.   EVER=      1.


DPT    SPD    DRN         DPT    SPD    DRN         DPT    SPD    DRN
  0    0.0   999.9         67   14 6   205.5        134    7.5   229.0
  1    0.0   999.9         68   14.7   205.7        135    7.0   229.3
  2    0.0   999.9         69   14.8   205.6        136    6.6   230 7
  3    0.0   999.9         70   15.0   205.4        137    6.6   232.7
  4    2.8   336.4         71   15.1   205.2        138    6.6   234.3
  5    3.0   335.8         72   15.2   205.1        139    6.4   236.3
  6    3.3   334.7         73   15.3   206.0        140    6.2   237.9
  7    3.5   333.6         74   15.4   210.4        141    6.0   238.4
  8    3.8   332.0         75   15.5   213.1        142    5.9   239.1
  9    4.0   330.7         76   15.7   213.6        143    6.0   240.0
 10    4.1   329.5         77   15.8   213.9        144    6 1   241.2
 11    4.2   328.2         78   16.0   214 9        145    6.2   242.6
 12    4.4   326.4         79   16.0   215 5        146    6.3   245.2
 13    4.5   325.0         80   16.0   215.7        147    6.3   246.9
 14    4.5   324.5         81   16.0   215 6        148    6.1   247.0
 15    4.6   324.8         82   16.0   215.4        149    5.8   245.8
 16    4.6   326.3         83   16.1   215.2        150    5.6   245 8
 17    4.6   328.9         84   16.1   215.0        151    5.5   247 5
 18    4.4   332.1         85   16.2   214.8        152    5.6   250.7
 19    4.1   335.1         86   16.3   214.6        153    5.5   253.7
 20    3.8   338.6         87   16.3   214.6        154    5.3   256.4
 21    3.3   342.3         88   16.3   214.5        155    5.4   261.5
 22    2.8   345.7         89   16.2   214.6        156    5.5   267.1
 23    2.2   347.4         90   16.1   214.6        157    5.5   272.5
 24    1.6   345.1         91   16.0   214.7        158    5.5   274.7
 25    1.6   310.8         92   15.9   214.9        159    5.7   275.1
 26    0.8   298.6         93   15.9   214.9        160    5.9   275.8
 27    1.2   269.1         94   15.8   214.8        161    6.1   276.1
 28    1.5   246.6         95   15.8   214.7        162    6.2   276.9
 29    2.0   233.7         96   15.7   214.8        163    6.3   278.1
 30    2.6   229.0         97   15.7   214.8        164    6.4   279.5
 31    3.3   229.9         98   15.6   214.3        165    6.6   279.0
 32    3.8   233.3         99   15.6   211.6        166    6.7   275.3
 33    4.5   232.3        100   15.6   211.8        167    6 6   269.1
 34    5.1   232.0        101   15.5   211.1        168    6.3   263.7
 35    5.6   233.0        102   15.6   212.5        169    6.2   259.8
 36    6.0   231.8        103   15.6   213.5        170    6.0   255.2
 37    6.4   231.3        104   15.5   213.6        171    5.7   252.2
 38    6.7   229.2        105   15.3   213.7        172    5.4   250.6
 39    7.1   228.2        106   15.1   213.9        173    5.3   251.9
 40    7.6   225.7        107   15.0   213.9        174    5.2   251.6
 41    8.0   223.2        108   15.0   215.5        175    5.0   250.7
 42    8.4   221.4        109   15.0   217.2        176    4.8   251.2
 43    8.8   219.0        110   14.8   217.8        177    4.9   253.7
 44    9.2   215.9        111   14.5   218.0        178    4.8   258.3
 45    9.6   211.6        112   14.3   218.1        179    4.7   260.1
 46   10.2   209.6        113   14.1   218.3        180    4.6   261.5
 47   10.9   209.8        114   13.9   218.4        181    4.4   266.2
 48   11.3   210.7        115   13.7   218.6        182    4.0   275.6
 49   11.6   210.5        116   13.5   218.8        183    3.7   283 9
 50   11.9   210.1        117   13.3   219.0        184    3.6   284.3
 51   12.2   209.6        118   12.9   219.3        185    3.7   282.5
 52   12.6   209.1        119   12 6   219.7        186    3.8   282 5
 53   13.0   208.8        120   12.3   220.1        187    4.0   282.0
 54   13.3   208.5        121   11.9   220.6        188    4.2   282.5
 55   13.6   208.2        122   11.6   221.1        189    4.6   279.7
 56   13.6   206.3        123   11.3   221.6        190    4.9   277.4
 57   13.7   205.6        124   11.0   222.2        191    5.1   275.9
 58   13.9   205.5        125   10.7   222.8        192    5.1   267.5
 59   14.1   205.4        126   10.5   223.2        193    5.2   267.2
 60   14.2   205.4        127   10.4   223.3        194    5.4   270.3
 61   13.7   202.2        128   10.0   223.9        195    5.6   275.0
 62   13.3   200.1        129    9.7   224.8        196    5.8   278.2
 63   13.3   200.3        130    9 3   225.8        197    5.9   280.5
 64   13.7   201.9        131    8.9   227.0        198    6.0   282.3
 65   14.3   203.9        132    8.5   228.3
 66   14.5   205.1        133    8.0   229.1
```

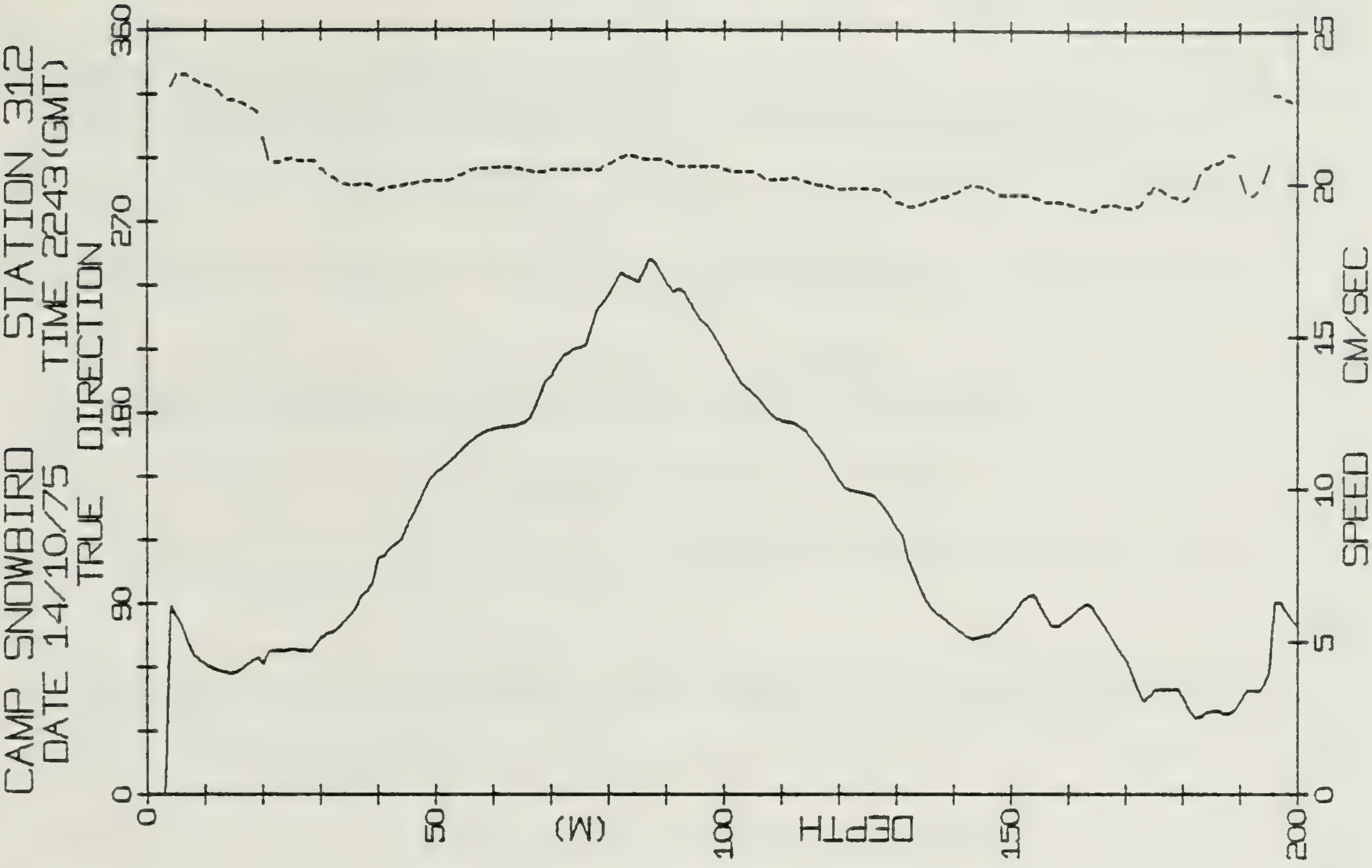

CAMP SNOWBIRD STATION 310
DATE 13/10/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 309
DATE 13/10/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 309     (200M )     13/OCT/75       543 GMT
LAT= 74.1118N  LONG= 141.6843W  LTER=     0.  LCER=      1.
NIVEL=    1.4   EIVEL=  -2.0     NVER=     0.  EVER=      0.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0  999.9       67  11.0  217.5      134   1.8  209.1
  1    0.0  999.9       68  11.1  217.3      135   1.7  224.3
  2    0.0  999.9       69  11.1  217.1      136   1.4  236.8
  3    0.0  999.9       70  11.0  217.2      137   1.3  252.3
  4    3.4  358.7       71  10.8  217.4      138   1.1  256.5
  5    3.7  358.8       72  10.9  217.4      139   0.8  256.4
  6    4.0  358.4       73  11.0  217.3      140   0.5  259.1
  7    4.4  358.6       74  11.1  217.4      141   0.2  301.3
  8    4.4  358.9       75  11.3  217.1      142   0.3   19.4
  9    4.4  359.3       76  11.4  217.0      143   0.5   29.8
 10    4.3    0.4       77  11.5  216.9      144   0.7   32.7
 11    4.3  359.6       78  11.5  216.8      145   1.0   31.4
 12    4.3  358.7       79  11.6  216.8      146   1.1   29.2
 13    4.2  357.8       80  11.6  216.8      147   1.3   26.2
 14    4.1  357.3       81  11.7  216.8      148   1.6   21.6
 15    4.0  356.4       82  11.7  216.8      149   1.8   17.0
 16    3.9  358.1       83  11.7  216.8      150   2.0   14.1
 17    3.8    0.7       84  11.7  216.9      151   2.2   12.1
 18    3.7    3.2       85  11.7  217.0      152   2.3   10.6
 19    3.6    5.6       86  11.7  217.2      153   2.3   10.1
 20    3.5    6.5       87  11.6  217.3      154   2.3    9.9
 21    3.7    6.5       88  11.6  217.5      155   2.3   10.8
 22    3.9    6.1       89  11.5  217.6      156   2.3   19.1
 23    4.2    6.2       90  11.4  217.6      157   2.5   30.2
 24    4.6    5.8       91  11.4  217.6      158   2.6   33.2
 25    4.8    3.9       92  11.3  217.6      159   2.7   33.6
 26    4.8    0.4       93  11.2  217.6      160   3.0   34.0
 27    4.2  355.7       94  11.1  217.6      161   3.3   36.7
 28    3.9  355.5       95  11.0  217.7      162   3.6   39.9
 29    3.6  355.8       96  11.0  217.8      163   3.9   43.5
 30    3.3  356.2       97  10.9  217.8      164   4.1   43.3
 31    2.4    6.7       98  10.9  217.7      165   4.1   40.3
 32    1.9   10.5       99  11.0  217.5      166   4.2   36.0
 33    1.5   17.6      100  11.1  217.4      167   4.3   31.1
 34    0.9   31.8      101  11.1  217.3      168   4.2   28.1
 35    0.3   59.3      102  11.0  217.4      169   4.3   25.8
 36    0.4  203.7      103  10.9  217.4      170   4.3   25.3
 37    0.9  218.1      104  10.8  217.6      171   4.3   24.4
 38    1.7  197.9      105  10.5  217.9      172   4.2   23.7
 39    2.4  192.9      106  10.2  218.3      173   4.2   23.5
 40    3.0  191.4      107  10.0  218.7      174   4.4   24.2
 41    3.5  189.7      108   9.7  219.1      175   4.6   25.1
 42    3.9  189.8      109   9.6  219.4      176   4.8   25.6
 43    4.3  190.1      110   9.5  219.6      177   4.6   24.9
 44    4.7  191.3      111   9.4  218.6      178   4.5   24.6
 45    5.2  193.9      112   9.1  216.9      179   4.3   24.3
 46    5.7  198.1      113   8.9  216.3      180   4.0   22.9
 47    6.2  203.0      114   8.7  216.1      181   3.8   20.2
 48    6.8  210.0      115   8.6  216.2      182   3.5   18.8
 49    7.4  218.5      116   8.4  216.6      183   3.4   19.1
 50    8.0  221.0      117   8.0  217.5      184   3.6   21.0
 51    8.5  221.5      118   7.7  218.5      185   3.8   22.1
 52    9.0  220.8      119   7.3  219.7      186   4.0   21.8
 53    9.3  219.8      120   6.9  220.9      187   4.0   20.8
 54    9.3  217.6      121   6.7  221.5      188   4.1   22.3
 55    9.3  215.9      122   6.5  222.0      189   4.3   23.3
 56    9.3  216.9      123   6.2  222.3      190   4.7   23.8
 57    9.3  218.6      124   5.9  221.7      191   5.3   26.8
 58    9.5  221.8      125   5.7  219.4      192   5.9   29.0
 59    9.8  224.9      126   5.4  217.3      193   6.2   30.0
 60   10.1  225.4      127   5.0  215.8      194   6.3   30.8
 61   10.4  225.7      128   4.4  215.0      195   5.9   31.0
 62   10.4  225.2      129   3.9  214.7      196   5.5   28.4
 63   10.4  223.7      130   3.4  212.0      197   5.1   25.9
 64   10.5  221.0      131   2.9  209.4      198   5.1   20.7
 65   10.7  218.6      132   2.5  207.0      199   5.3   15.5
 66   10.9  217.8      133   2.2  204.4      200   5.5   10.6
```

```
SNOWBIRD STATION 310     (198M. )    13/OCT/75      2243 GMT
LAT= 74.0853N  LONG= 141.7668W  LTER=    12.  LCER=     34.
NIVEL=   -4.7   EIVEL=  -2.4     NVER=     0.  EVER=      1.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0  999.9       67  21.5  247.6      134   9.5  238.3
  1    0.0  999.9       68  21.7  247.7      135   9.4  238.3
  2    0.0  999.9       69  21.9  247.8      136   9.3  238.8
  3    0.0  999.9       70  22.0  247.9      137   9.1  239.9
  4    3.7  186.7       71  22.1  247.9      138   8.8  241.5
  5    3.4  186.5       72  22.1  247.9      139   8.5  242.3
  6    3.2  186.6       73  22.1  247.9      140   8.3  242.2
  7    3.0  187.2       74  22.2  247.8      141   8.2  240.0
  8    2.7  188.4       75  22.2  247.9      142   8.1  238.5
  9    2.6  189.6       76  22.3  247.8      143   8.0  237.5
 10    2.5  191.4       77  22.3  247.8      144   8.0  237.5
 11    2.4  196.8       78  22.2  247.8      145   7.8  238.2
 12    2.3  200.8       79  22.3  247.8      146   7.5  238.6
 13    2.3  205.9       80  22.4  247.9      147   7.2  239.7
 14    2.3  205.9       81  22.5  247.9      148   6.9  241.4
 15    2.4  204.7       82  22.6  248.0      149   6.6  243.1
 16    2.4  202.1       83  22.5  247.9      150   6.5  244.0
 17    2.3  199.3       84  22.3  247.9      151   6.5  243.9
 18    2.2  196.9       85  22.3  247.9      152   6.4  243.9
 19    2.1  194.3       86  22.2  247.8      153   6.4  243.6
 20    2.1  192.8       87  22.0  247.8      154   6.5  243.6
 21    2.1  188.5       88  21.8  247.7      155   6.6  244.1
 22    2.1  184.3       89  21.9  247.7      156   6.6  244.6
 23    2.2  181.4       90  22.0  247.8      157   6.8  243.5
 24    2.0  175.4       91  21.9  247.7      158   7.2  241.1
 25    1.7  167.8       92  21.8  247.5      159   7.6  237.6
 26    1.3  195.8       93  21.7  247.4      160   7.8  234.3
 27    2.3  248.6       94  21.5  248.8      161   8.0  231.8
 28    5.0  252.6       95  21.3  249.8      162   7.9  231.1
 29    6.1  245.2       96  21.1  250.3      163   7.7  231.2
 30    6.8  241.6       97  20.9  250.2      164   7.5  232.2
 31    7.5  241.0       98  20.8  250.0      165   7.2  234.1
 32    8.1  241.0       99  20.6  249.9      166   6.9  236.3
 33    8.3  242.7      100  20.5  249.8      167   6.6  239.0
 34    8.4  244.5      101  20.4  249.6      168   6.3  241.7
 35    8.3  245.6      102  20.3  249.5      169   6.1  243.8
 36    8.5  244.8      103  20.2  249.3      170   6.0  245.2
 37    8.9  243.9      104  20.1  247.4      171   5.9  246.2
 38    9.3  240.7      105  20.0  245.9      172   6.0  247.0
 39    9.5  237.9      106  19.7  245.7      173   6.0  247.4
 40    9.8  236.1      107  19.4  245.4      174   6.1  246.6
 41   10.4  235.2      108  19.0  245.2      175   6.1  244.4
 42   11.0  235.6      109  18.7  244.9      176   6.1  242.5
 43   11.4  237.2      110  18.3  244.6      177   5.9  241.3
 44   11.7  238.5      111  17.8  244.2      178   5.7  240.4
 45   12.0  239.9      112  17.4  243.9      179   5.6  239.9
 46   12.2  241.5      113  16.9  243.5      180   5.5  240.0
 47   12.6  244.5      114  16.6  243.2      181   5.4  240.0
 48   13.0  246.8      115  16.3  243.0      182   5.2  240.1
 49   13.6  247.6      116  16.0  242.7      183   5.0  238.4
 50   14.2  247.8      117  15.7  242.3      184   4.9  237.2
 51   14.8  247.8      118  15.4  242.0      185   4.8  237.2
 52   15.5  247.6      119  14.9  241.6      186   4.7  237.2
 53   16.0  248.4      120  14.6  241.2      187   4.7  237.2
 54   16.6  249.0      121  14.2  240.8      188   4.7  237.1
 55   17.0  249.4      122  13.9  240.4      189   4.6  236.8
 56   17.4  249.8      123  13.6  240.0      190   4.5  236.5
 57   17.7  250.1      124  13.3  239.7      191   4.3  236.4
 58   18.2  248.8      125  13.1  239.8      192   4.0  235.9
 59   18.6  248.8      126  12.7  240.0      193   3.7  234.0
 60   19.0  249.1      127  12.3  240.3      194   3.3  229.9
 61   19.4  249.4      128  11.8  240.4      195   3.0  224.0
 62   19.9  247.1      129  11.2  240.6      196   2.8  217.2
 63   20.3  246.9      130  10.6  241.0      197   2.7  213.2
 64   20.6  247.2      131  10.3  240.3      198   2.8  211.7
 65   21.0  247.4      132  10.0  238.8
 66   21.2  247.5      133   9.8  238.4
```

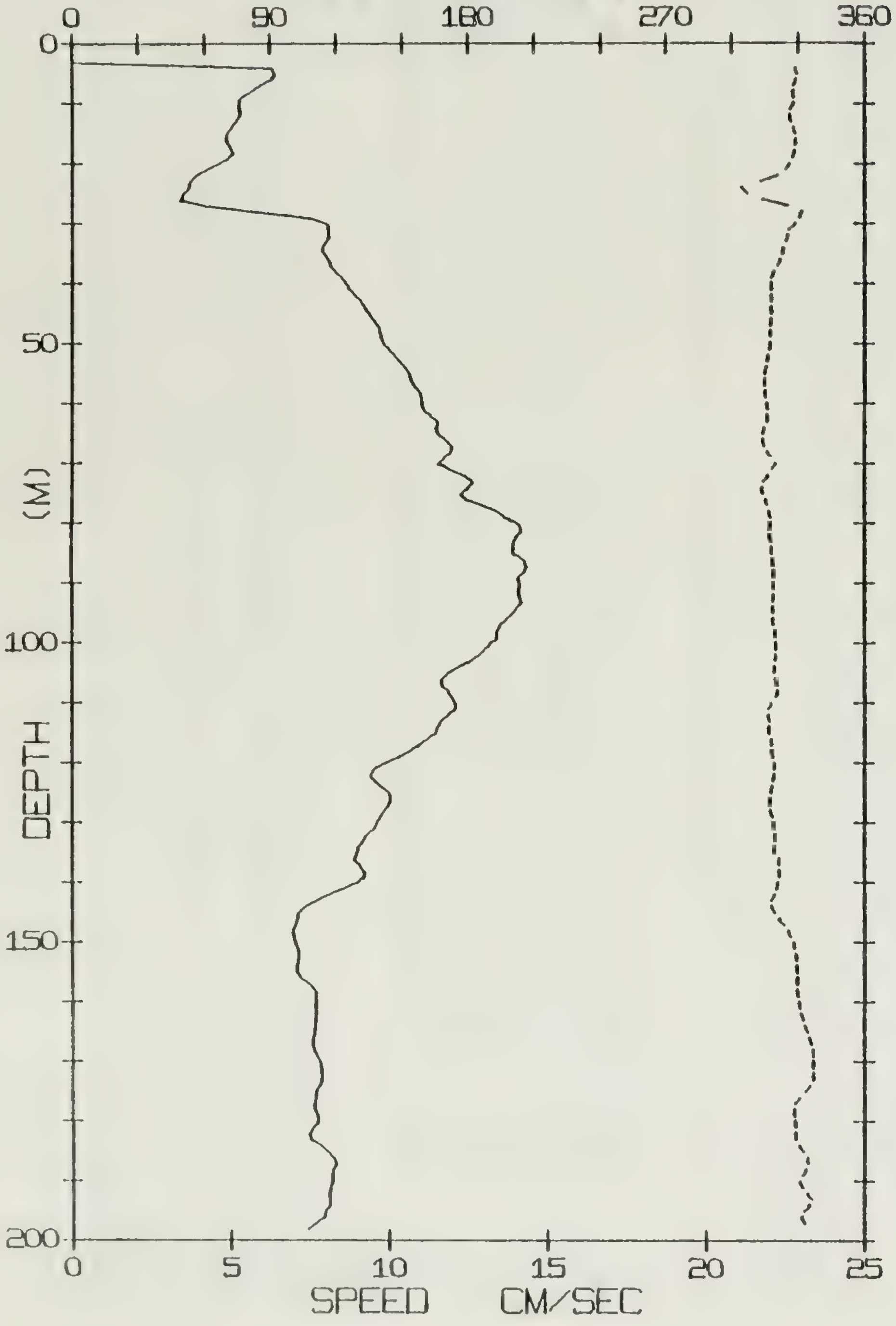

CAMP SNOWBIRD STATION 311
DATE 14/10/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 312
DATE 14/10/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

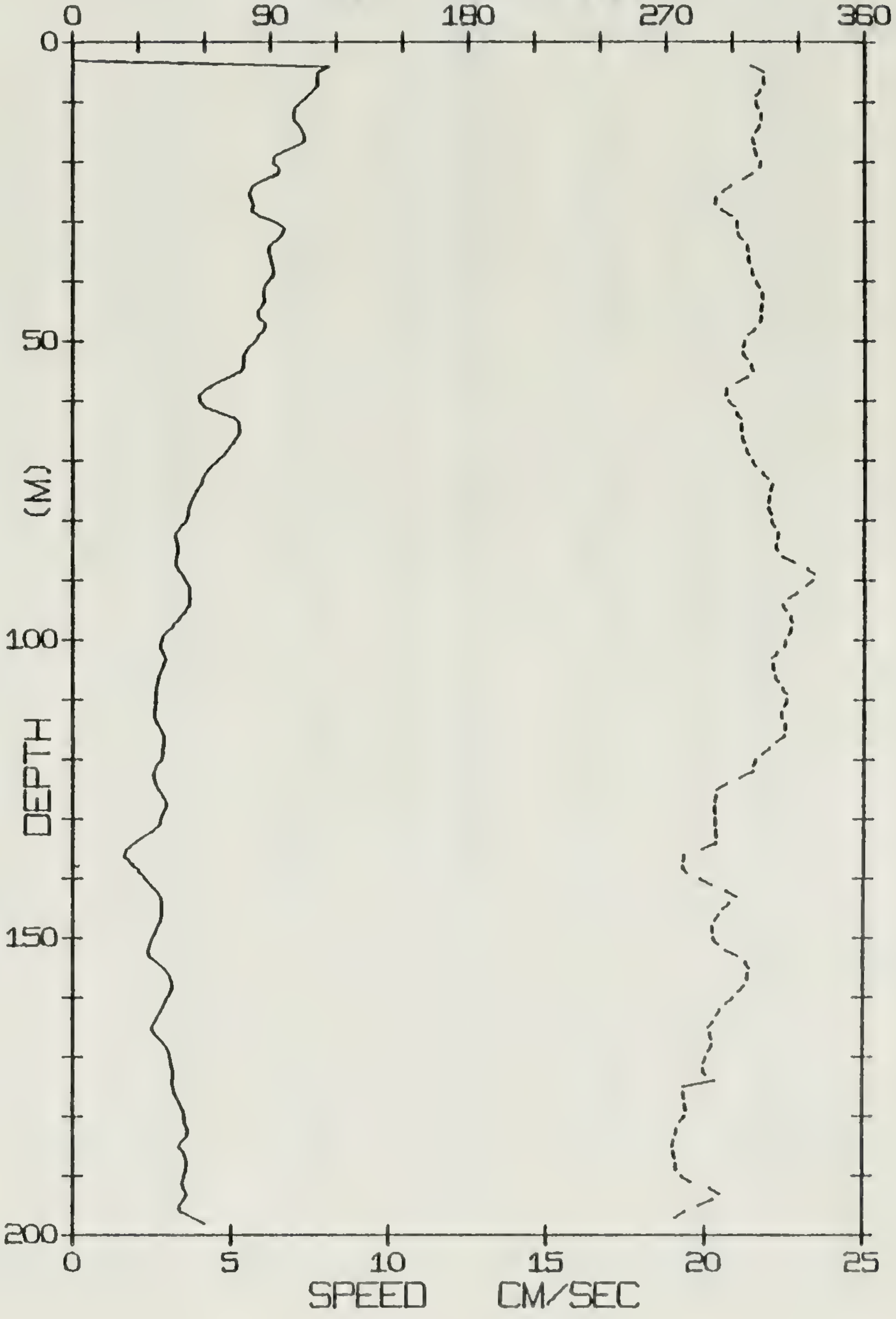
```
SNOWBIRD STATION 311     (198M )      14/OCT/75        542 GMT
LAT= 74.0782N  LONG= 141.8157W  LTER=      1.   LGER=      2.
NIVEL=  -7.3   EIVEL=    1.2    NVER=      0    EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   11.5   240.7      134    6.6   205.6
  1    0.0   999.9       68   11.8   244.0      135    6.5   205.3
  2    0.0   999.9       69   12.0   247.2      136    6.2   205.0
  3    0.0   999.9       70   12.6   247.4      137    5.9   204.5
  4    6.8   151.7       71   13.4   246.3      138    5.7   203.8
  5    6.5   151.6       72   14.0   246.4      139    5.6   203.2
  6    6.4   151.3       73   14.4   247.0      140    5.6   203.2
  7    6.3   151.4       74   14.9   248.2      141    5.5   203.0
  8    6.2   151.7       75   15.4   249.2      142    5.3   202.5
  9    6.1   151.7       76   15.8   250.2      143    5.2   202.0
 10    6.1   151.8       77   16.3   250.8      144    5.1   201.7
 11    6.1   151.6       78   16.9   249.5      145    5.1   201.1
 12    6.1   151.6       79   17.2   247.3      146    5.1   200.6
 13    6.1   151.6       80   17.0   248.6      147    5.0   196.8
 14    5.9   152.1       81   16.8   249.8      148    5.1   189.8
 15    5.8   152.8       82   16.6   251.0      149    5.2   185.2
 16    5.7   153.3       83   16.5   252.3      150    5.3   184.3
 17    5.7   153.4       84   16.7   252.1      151    5.3   183.2
 18    5.9   152.5       85   17.0   251.0      152    5.3   179.7
 19    6.0   151.7       86   17.3   251.0      153    5.2   176.9
 20    6.1   151.4       87   17.1   250.4      154    5.2   175.4
 21    6.1   151.5       88   17.1   248.8      155    5.3   175.5
 22    6.1   151.7       89   16.9   247.4      156    5.3   175.8
 23    6.0   152.3       90   16.5   246.8      157    5.3   175.8
 24    5.9   153.1       91   16.2   246.3      158    5.3   175.6
 25    5.8   153.8       92   15.8   245.8      159    5.2   175.0
 26    5.7   154.7       93   15.7   245.7      160    5.2   174.0
 27    7.1   151.9       94   15.7   245.7      161    5.2   173.2
 28    7.8   158.3       95   15.7   245.7      162    5.3   172.0
 29    9.5   173.0       96   15.7   245.6      163    5.3   170.6
 30    9.6   175.5       97   15.6   245.4      164    5.3   167.6
 31    9.5   179.2       98   15.5   245.2      165    5.2   164.2
 32    9.1   184.3       99   15.3   244.8      166    5.0   159.1
 33    8.4   187.9      100   15.0   244.1      167    5.0   155.0
 34    7.9   189.6      101   14.6   243.3      168    5.1   152.3
 35    7.6   190.4      102   14.2   242.3      169    5.3   150.2
 36    7.5   190.7      103   13.9   241.5      170    5.7   148.4
 37    7.5   192.0      104   13.6   240.6      171    6.1   146.2
 38    7.3   193.2      105   13.3   239.7      172    6.5   145.1
 39    7.1   194.7      106   13.0   238.7      173    6.7   144.6
 40    7.1   196.7      107   12.7   237.7      174    6.5   143.2
 41    7.1   198.6      108   12.2   237.7      175    6.2   141.4
 42    7.0   200.5      109   11.7   237.5      176    5.8   140.9
 43    7.0   201.6      110   11.4   236.2      177    5.5   139.0
 44    6.9   202.8      111   11.1   234.9      178    5.3   139.1
 45    6.9   204.7      112   10.8   233.6      179    5.2   140.7
 46    6.8   207.2      113   10.5   232.4      180    5.2   141.6
 47    6.6   209.8      114   10.3   231.2      181    5.3   140.9
 48    6.7   211.0      115   10.0   229.8      182    5.4   139.9
 49    6.8   210.9      116    9.7   228.0      183    5.4   138.5
 50    7.0   211.2      117    9.3   225.7      184    5.3   138.0
 51    7.3   214.6      118    8.9   223.4      185    5.0   138.8
 52    7.6   217.7      119    8.5   220.8      186    4.7   140.8
 53    7.9   219.7      120    8.2   218.6      187    4.6   142.7
 54    8.1   220.9      121    7.9   218.2      188    4.4   145.4
 55    8.2   223.1      122    7.6   217.7      189    4.3   146.0
 56    8.2   225.4      123    7.3   217.4      190    4.3   143.9
 57    8.4   227.2      124    7.0   216.8      191    4.4   140.7
 58    8.8   228.1      125    6.8   216.0      192    4.7   138.6
 59    9.1   229.3      126    6.6   214.7      193    4.6   140.2
 60    9.3   230.9      127    6.6   213.1      194    4.5   141.2
 61    9.5   232.5      128    6.5   211.4      195    4.6   140.1
 62   10.0   232.8      129    6.6   209.6      196    4.7   139.0
 63   10.3   232.7      130    6.6   208.8      197    4.6   136.1
 64   10.7   233.0      131    6.6   208.2      198    4.4   134.1
 65   11.1   234.5      132    6.5   207.4
 66   11.3   237.3      133    6.6   206.4
```

```
SNOWBIRD STATION 312     (200M.)      14/OCT/75       2243 GMT
LAT= 74.0724N  LONG= 141.9488W  LTER=      0    LGER=      0.
NIVEL=    3.6  EIVEL=  -6.3     NVER=      0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   12.6   293.1      134    6.8   278.1
  1    0.0   999.9       68   13.1   293.4      135    6.4   279.2
  2    0.0   999.9       69   13.5   293.7      136    6.1   280.0
  3    0.0   999.9       70   13.7   294.6      137    5.9   280.9
  4    6.2   333.9       71   14.1   294.6      138    5.8   281.6
  5    5.8   338.7       72   14.4   294.4      139    5.6   282.5
  6    5.5   339.3       73   14.5   294.4      140    5.5   283.6
  7    5.0   338.5       74   14.6   294.3      141    5.3   284.8
  8    4.6   336.5       75   14.7   294.4      142    5.2   286.4
  9    4.4   335.0       76   14.7   294.4      143    5.1   287.7
 10    4.3   334.2       77   15.3   294.2      144    5.1   286.8
 11    4.1   333.3       78   15.9   294.1      145    5.2   285.9
 12    4.1   331.6       79   16.1   295.8      146    5.2   285.2
 13    4.0   329.2       80   16.4   297.3      147    5.3   283.8
 14    4.0   327.2       81   16.7   298.7      148    5.5   282.7
 15    4.0   327.2       82   17.1   300.2      149    5.7   282.5
 16    4.1   326.1       83   16.9   301.2      150    5.8   282.9
 17    4.2   324.7       84   16.9   300.8      151    6.1   282.7
 18    4.4   323.3       85   16.8   299.9      152    6.4   282.5
 19    4.5   321.5       86   17.1   299.1      153    6.5   282.0
 20    4.3   309.5       87   17.5   299.2      154    6.5   281.3
 21    4.7   299.3       88   17.4   299.3      155    6.2   280.5
 22    4.7   297.9       89   17.1   299.2      156    5.8   279.4
 23    4.7   298.0       90   16.7   298.2      157    5.5   279.2
 24    4.8   299.2       91   16.5   296.8      158    5.5   279.4
 25    4.8   300.0       92   16.6   296.1      159    5.6   278.7
 26    4.7   298.7       93   16.4   295.9      160    5.8   278.2
 27    4.7   298.3       94   16.1   296.0      161    5.9   277.3
 28    4.7   298.9       95   15.8   296.0      162    6.1   276.3
 29    4.9   298.1       96   15.5   296.0      163    6.2   275.5
 30    5.1   295.0       97   15.3   296.0      164    6.1   275.0
 31    5.3   292.8       98   15.1   296.1      165    5.8   276.2
 32    5.3   291.0       99   14.8   295.6      166    5.6   277.9
 33    5.5   289.2      100   14.4   294.5      167    5.3   278.3
 34    5.7   287.8      101   14.1   293.5      168    5.0   278.1
 35    5.9   287.1      102   13.7   293.6      169    4.7   277.1
 36    6.1   287.2      103   13.4   293.7      170    4.4   276.7
 37    6.5   288.1      104   13.3   293.6      171    4.0   276.3
 38    6.7   287.6      105   13.1   293.6      172    3.5   277.5
 39    6.9   286.6      106   12.9   292.0      173    3.1   279.9
 40    7.7   284.6      107   12.7   290.2      174    3.2   283.7
 41    7.9   285.5      108   12.5   289.8      175    3.4   286.6
 42    8.1   286.1      109   12.3   289.9      176    3.5   285.4
 43    8.2   286.6      110   12.2   290.3      177    3.4   283.6
 44    8.4   287.1      111   12.2   290.6      178    3.4   282.2
 45    8.8   288.0      112   12.1   290.8      179    3.5   281.5
 46    9.2   288.0      113   12.0   289.8      180    3.2   280.2
 47    9.6   288.9      114   11.9   288.9      181    2.8   281.9
 48   10.0   289.2      115   11.7   288.0      182    2.5   286.1
 49   10.3   289.5      116   11.4   287.3      183    2.5   292.8
 50   10.6   289.2      117   11.2   286.9      184    2.7   296.0
 51   10.7   289.2      118   10.9   286.2      185    2.7   297.7
 52   10.9   289.6      119   10.6   285.4      186    2.7   298.4
 53   11.0   290.6      120   10.3   285.1      187    2.6   299.8
 54   11.2   291.7      121   10.0   285.6      188    2.7   302.0
 55   11.4   292.9      122    9.9   285.7      189    2.8   301.4
 56   11.6   294.2      123    9.9   285.7      190    3.1   292.8
 57   11.7   295.2      124    9.9   285.5      191    3.4   284.5
 58   11.8   295.1      125    9.8   285.3      192    3.4   282.7
 59   11.9   295.3      126    9.8   285.0      193    3.4   284.6
 60   12.0   295.6      127    9.6   285.0      194    3.6   289.3
 61   12.0   295.9      128    9.3   284.0      195    4.0   297.0
 62   12.1   296.0      129    9.1   281.6      196    6.3   330.3
 63   12.1   295.4      130    8.7   279.2      197    6.3   329.9
 64   12.1   294.8      131    8.5   278.1      198    6.0   328.2
 65   12.2   294.3      132    7.7   276.9      199    5.7   327.0
 66   12.3   293.7      133    7.3   277.2      200    5.5   324.0
```

CAMP SNOWBIRD STATION 313
DATE 15/10/75 TIME 542(GMT)

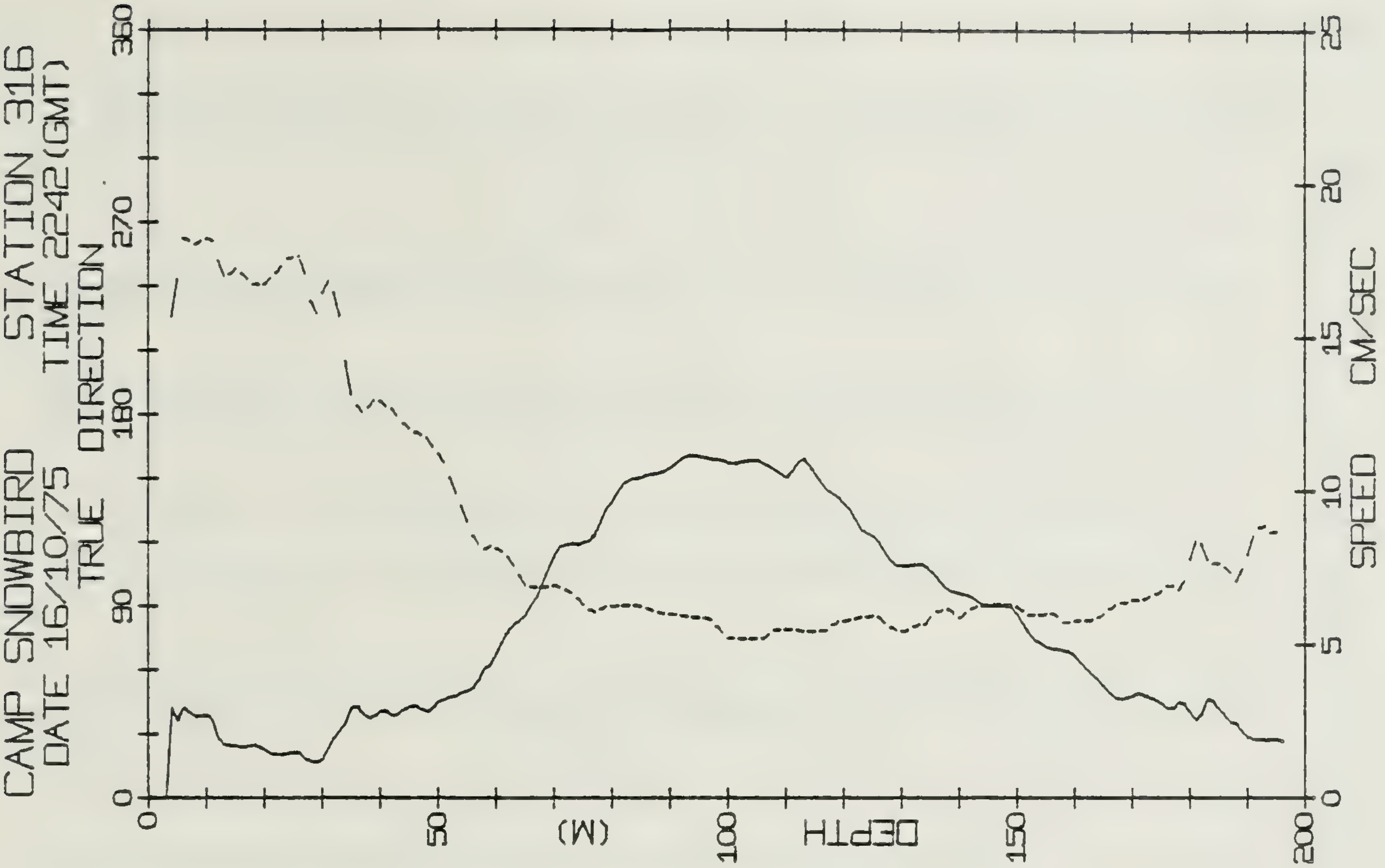


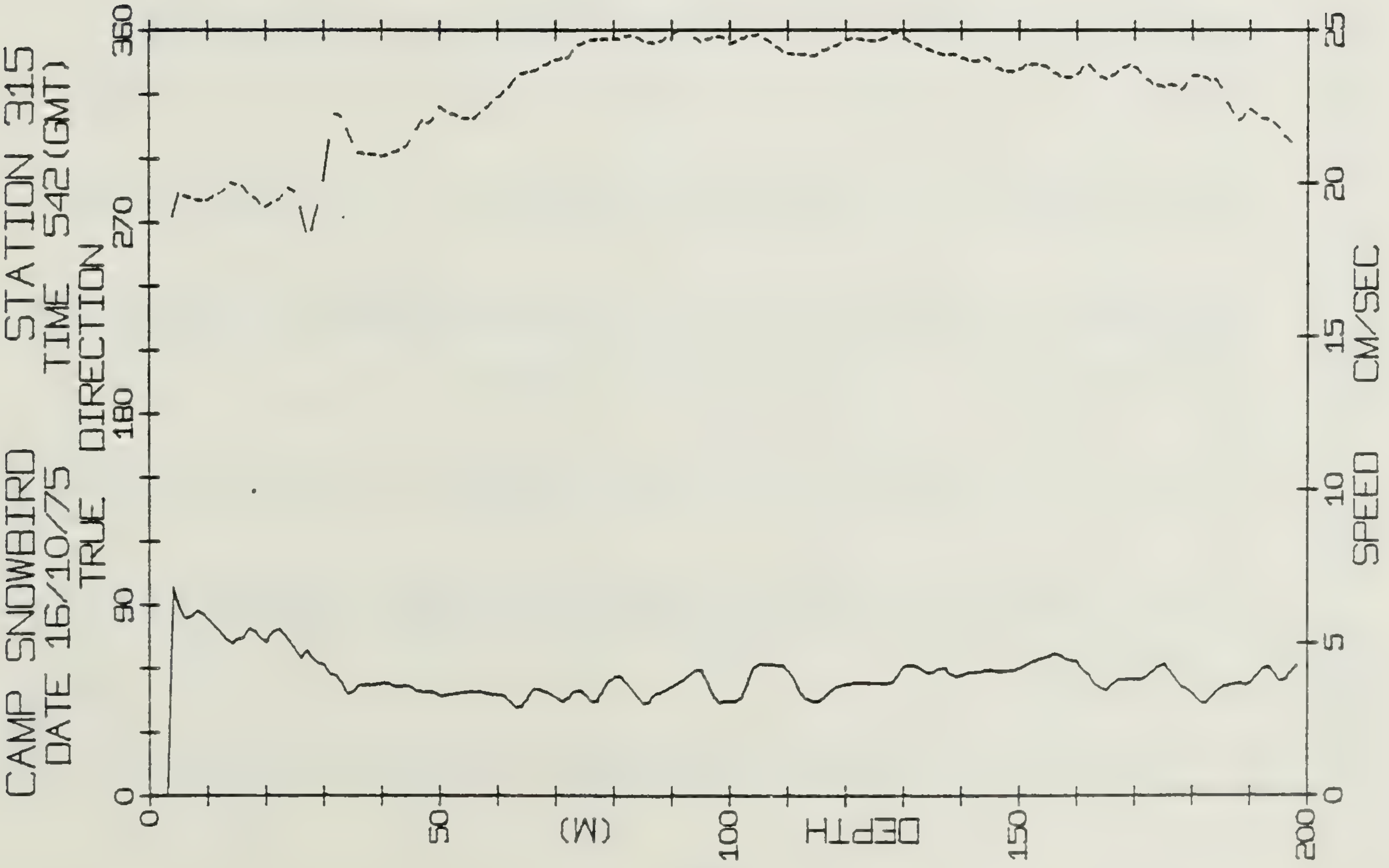
CAMP SNOWBIRD STATION 314
DATE 15/10/75 TIME 2243(GMT)



```
SNOWBIRD STATION 313     (198M.)      15/OCT/75       542 GMT
LAT= 74.0791N  LONG= 142.0201W  LTER=     0.  LCER=      0.
NIVEL=   4.8   EIVEL=  -7.9     NVER=     0.  EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   12.0   314.3      134    9.0   318.8
  1    0.0   999.9       68   12.0   315.8      135    9.0   318.9
  2    0.0   999.9       69   11.7   317.6      136    8.9   320.8
  3    0.0   999.9       70   11.6   319.3      137    9.0   321.1
  4    6.3   328.6       71   11.9   317.8      138    9.2   321.2
  5    6.4   329.4       72   12.4   315.9      139    9.2   321.2
  6    6.3   328.7       73   12.7   313.9      140    9.0   320.3
  7    5.9   327.6       74   12.5   313.2      141    8.5   319.7
  8    5.6   327.4       75   12.3   313.8      142    8.1   318.8
  9    5.3   327.7       76   12.4   314.9      143    7.7   317.2
 10    5.3   327.7       77   13.0   315.9      144    7.4   317.9
 11    5.3   326.0       78   13.5   316.6      145    7.1   319.3
 12    5.3   325.8       79   13.7   317.2      146    7.1   321.1
 13    5.1   326.7       80   14.1   316.7      147    7.0   323.4
 14    5.0   327.8       81   14.2   316.3      148    7.0   325.5
 15    4.9   328.7       82   14.1   316.9      149    7.0   326.8
 16    4.9   328.8       83   13.9   317.6      150    7.0   327.9
 17    5.0   328.3       84   13.9   317.9      151    7.1   328.5
 18    5.1   327.8       85   13.9   317.9      152    7.1   329.1
 19    4.9   327.2       86   14.2   318.2      153    7.1   329.4
 20    4.6   325.9       87   14.4   318.5      154    7.1   329.6
 21    4.2   324.2       88   14.3   318.7      155    7.1   329.9
 22    3.9   320.1       89   14.1   318.6      156    7.2   330.0
 23    3.7   312.8       90   14.1   318.6      157    7.5   329.7
 24    3.7   304.4       91   14.1   318.5      158    7.7   329.6
 25    3.5   306.8       92   14.1   318.3      159    7.7   330.1
 26    3.4   313.5       93   14.2   318.2      160    7.7   330.5
 27    4.3   325.0       94   14.0   318.3      161    7.7   331.0
 28    5.9   331.4       95   13.9   318.3      162    7.7   331.6
 29    7.5   330.4       96   13.7   318.4      163    7.7   332.5
 30    8.1   328.5       97   13.5   318.8      164    7.7   333.3
 31    8.1   325.7       98   13.4   319.3      165    7.6   334.3
 32    8.1   325.1       99   13.4   319.5      166    7.6   335.2
 33    8.0   324.1      100   13.2   319.8      167    7.6   336.1
 34    7.9   323.1      101   13.0   319.7      168    7.7   336.7
 35    8.0   322.4      102   12.8   319.2      169    7.7   337.0
 36    8.1   321.6      103   12.5   318.9      170    7.8   336.9
 37    8.2   320.2      104   12.2   318.8      171    7.9   337.1
 38    8.3   318.5      105   11.9   319.1      172    7.9   336.8
 39    8.5   317.4      106   11.7   319.6      173    7.9   336.5
 40    8.7   317.6      107   11.7   320.4      174    7.8   335.2
 41    8.8   317.6      108   11.9   320.7      175    7.7   333.0
 42    9.0   317.7      109   12.0   319.2      176    7.7   330.6
 43    9.2   317.7      110   12.1   317.4      177    7.6   328.6
 44    9.3   317.6      111   12.1   316.1      178    7.7   328.1
 45    9.4   317.5      112   11.9   316.4      179    7.8   328.6
 46    9.5   317.3      113   11.6   316.7      180    7.8   328.9
 47    9.7   317.1      114   11.5   316.5      181    7.6   328.5
 48    9.7   317.0      115   11.5   316.5      182    7.5   328.4
 49    9.8   317.0      116   11.2   317.7      183    7.6   329.2
 50    9.9   316.9      117   10.9   317.9      184    7.8   330.5
 51   10.0   316.5      118   10.7   317.9      185    8.1   332.4
 52   10.2   316.0      119   10.3   318.5      186    8.2   334.2
 53   10.4   315.4      120    9.9   319.1      187    8.3   334.5
 54   10.5   314.9      121    9.5   318.8      188    8.2   333.4
 55   10.7   314.4      122    9.4   318.6      189    8.2   332.0
 56   10.7   314.2      123    9.6   318.2      190    8.2   330.8
 57   10.8   314.6      124    9.8   317.4      191    8.1   332.1
 58   11.0   314.7      125   10.0   316.9      192    8.1   334.1
 59   11.1   315.1      126   10.1   316.7      193    8.1   336.2
 60   11.1   315.7      127   10.0   316.8      194    8.1   335.0
 61   11.1   315.9      128    9.8   317.3      195    8.0   332.8
 62   11.3   315.9      129    9.7   318.1      196    7.9   331.6
 63   11.6   315.3      130    9.6   318.7      197    7.7   333.1
 64   11.5   314.1      131    9.5   319.1      198    7.5   334.0
 65   11.6   313.4      132    9.3   319.2
 66   11.8   313.6      133    9.2   318.9
```

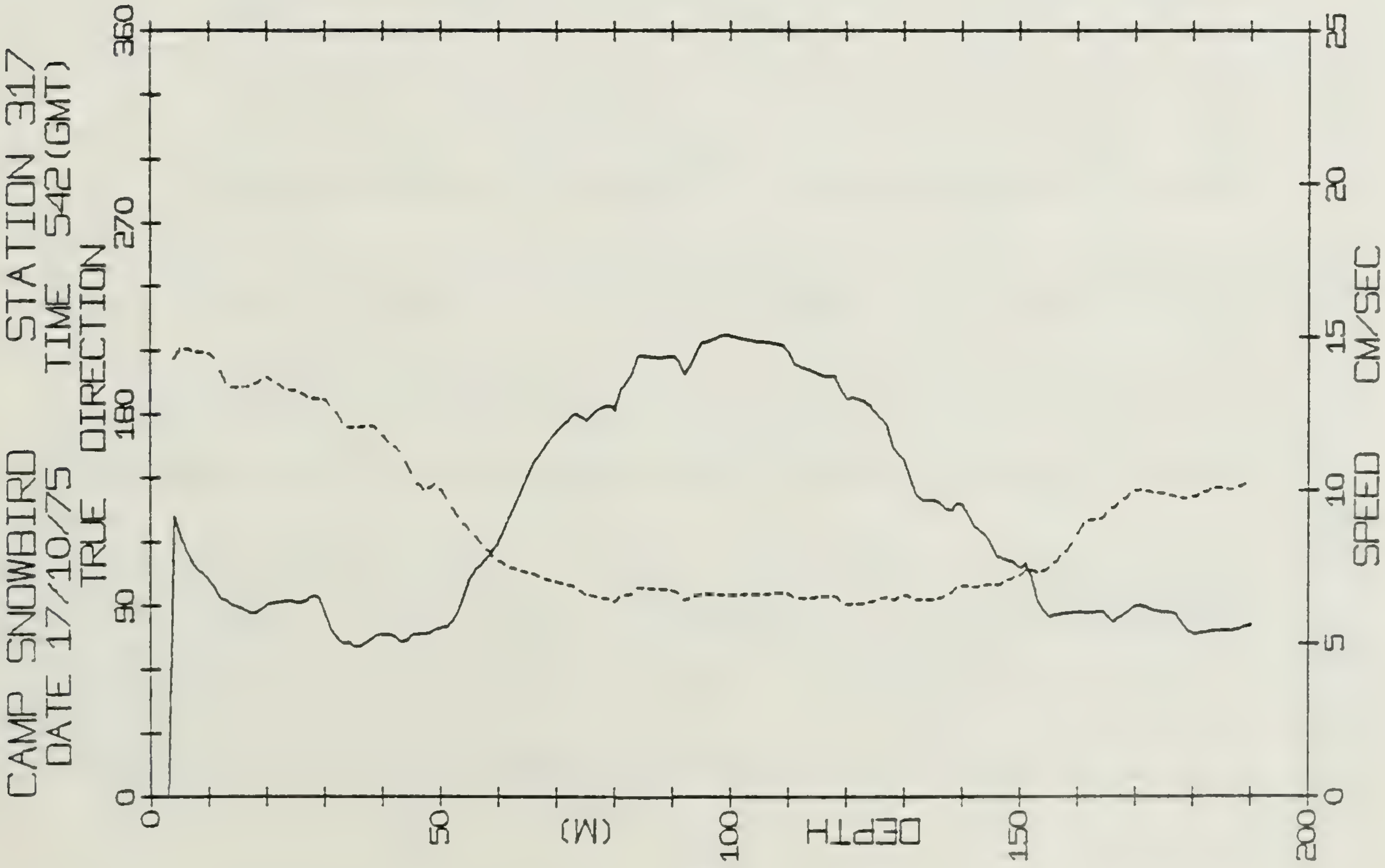
```
SNOWBIRD STATION 314     (198M.)      15/OCT/75      2243 GMT
LAT= 74.1011N  LONG= 142.2983W  LTER=     1.  LCER=      1.
NIVEL=   3.7   EIVEL= -12.0     NVER=     0.  EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    5.0   305.5      134    2.0   292.6
  1    0.0   999.9       68    4.9   306.5      135    1.7   286.7
  2    0.0   999.9       69    4.8   307.6      136    1.6   278.6
  3    0.0   999.9       70    4.6   309.1      137    1.8   278.0
  4    8.1   308.5       71    4.4   310.7      138    2.0   277.9
  5    7.8   313.8       72    4.2   313.4      139    2.2   279.6
  6    7.7   313.9       73    4.1   315.8      140    2.3   285.7
  7    7.7   314.3       74    4.0   317.8      141    2.5   290.6
  8    7.6   312.5       75    3.9   317.1      142    2.7   297.6
  9    7.4   310.6       76    3.8   316.5      143    2.8   302.0
 10    7.2   310.8       77    3.7   316.1      144    2.8   299.3
 11    7.0   311.7       78    3.7   316.7      145    2.8   296.5
 12    7.0   313.0       79    3.6   317.6      146    2.8   294.4
 13    7.0   313.2       80    3.6   317.9      147    2.8   292.6
 14    7.2   312.0       81    3.4   319.3      148    2.7   291.1
 15    7.3   310.5       82    3.3   320.9      149    2.6   291.7
 16    7.3   308.8       83    3.3   320.6      150    2.5   292.2
 17    7.2   309.9       84    3.3   319.6      151    2.4   294.0
 18    6.7   310.2       85    3.3   320.9      152    2.4   297.7
 19    6.4   311.2       86    3.3   322.8      153    2.4   303.2
 20    6.3   312.7       87    3.3   328.3      154    2.7   306.7
 21    6.5   311.9       88    3.3   334.2      155    2.9   308.4
 22    6.5   308.8       89    3.5   337.6      156    3.0   307.4
 23    6.0   304.6       90    3.6   336.3      157    3.1   307.2
 24    5.7   299.2       91    3.7   333.3      158    3.2   305.7
 25    5.6   295.6       92    3.7   329.6      159    3.1   303.2
 26    5.6   292.7       93    3.7   325.9      160    3.0   300.7
 27    5.7   292.1       94    3.7   323.3      161    2.9   297.8
 28    5.7   295.0       95    3.6   324.6      162    2.8   295.2
 29    5.9   299.4       96    3.4   326.6      163    2.7   293.3
 30    6.4   302.1       97    3.3   327.7      164    2.6   291.5
 31    6.7   302.4       98    3.1   326.9      165    2.5   289.5
 32    6.6   302.6       99    2.9   325.8      166    2.6   290.6
 33    6.5   304.4      100    2.8   324.3      167    2.8   291.3
 34    6.2   306.6      101    2.7   323.8      168    2.9   291.1
 35    6.2   307.3      102    2.9   320.6      169    3.0   289.5
 36    6.3   307.4      103    3.0   318.0      170    3.1   288.4
 37    6.3   308.1      104    2.9   318.7      171    3.1   287.3
 38    6.4   308.9      105    2.8   319.0      172    3.2   287.1
 39    6.3   309.6      106    2.7   319.6      173    3.2   288.6
 40    6.2   310.9      107    2.7   321.3      174    3.1   292.5
 41    6.0   312.4      108    2.6   323.1      175    3.2   278.6
 42    6.0   313.6      109    2.6   325.0      176    3.3   278.6
 43    6.1   313.9      110    2.6   325.0      177    3.3   279.1
 44    6.0   313.2      111    2.6   323.8      178    3.4   279.6
 45    5.8   312.8      112    2.6   322.5      179    3.5   280.0
 46    5.9   312.7      113    2.6   323.1      180    3.6   278.7
 47    6.1   312.0      114    2.7   324.4      181    3.6   276.8
 48    6.0   310.0      115    2.8   324.2      182    3.7   275.4
 49    5.9   307.2      116    2.9   323.7      183    3.7   274.6
 50    5.8   305.4      117    2.9   320.4      184    3.5   273.8
 51    5.6   304.7      118    2.8   317.1      185    3.4   273.3
 52    5.4   304.8      119    2.8   313.8      186    3.5   274.3
 53    5.4   306.7      120    2.8   311.1      187    3.6   274.9
 54    5.4   308.4      121    2.6   309.7      188    3.6   275.2
 55    5.3   309.5      122    2.6   309.5      189    3.6   275.3
 56    4.9   306.8      123    2.6   303.4      190    3.5   277.6
 57    4.5   301.9      124    2.6   298.0      191    3.5   281.7
 58    4.2   297.5      125    2.7   293.3      192    3.5   290.5
 59    4.0   297.0      126    2.9   292.8      193    3.6   295.1
 60    4.0   298.4      127    3.0   292.5      194    3.5   291.9
 61    4.2   300.9      128    2.9   292.5      195    3.4   285.3
 62    4.7   301.9      129    2.8   292.7      196    3.4   279.2
 63    5.2   304.0      130    2.8   292.8      197    3.8   275.3
 64    5.3   304.2      131    2.7   292.8      198    4.2   276.3
 65    5.3   303.9      132    2.5   293.2
 66    5.2   304.6      133    2.2   293.4
```

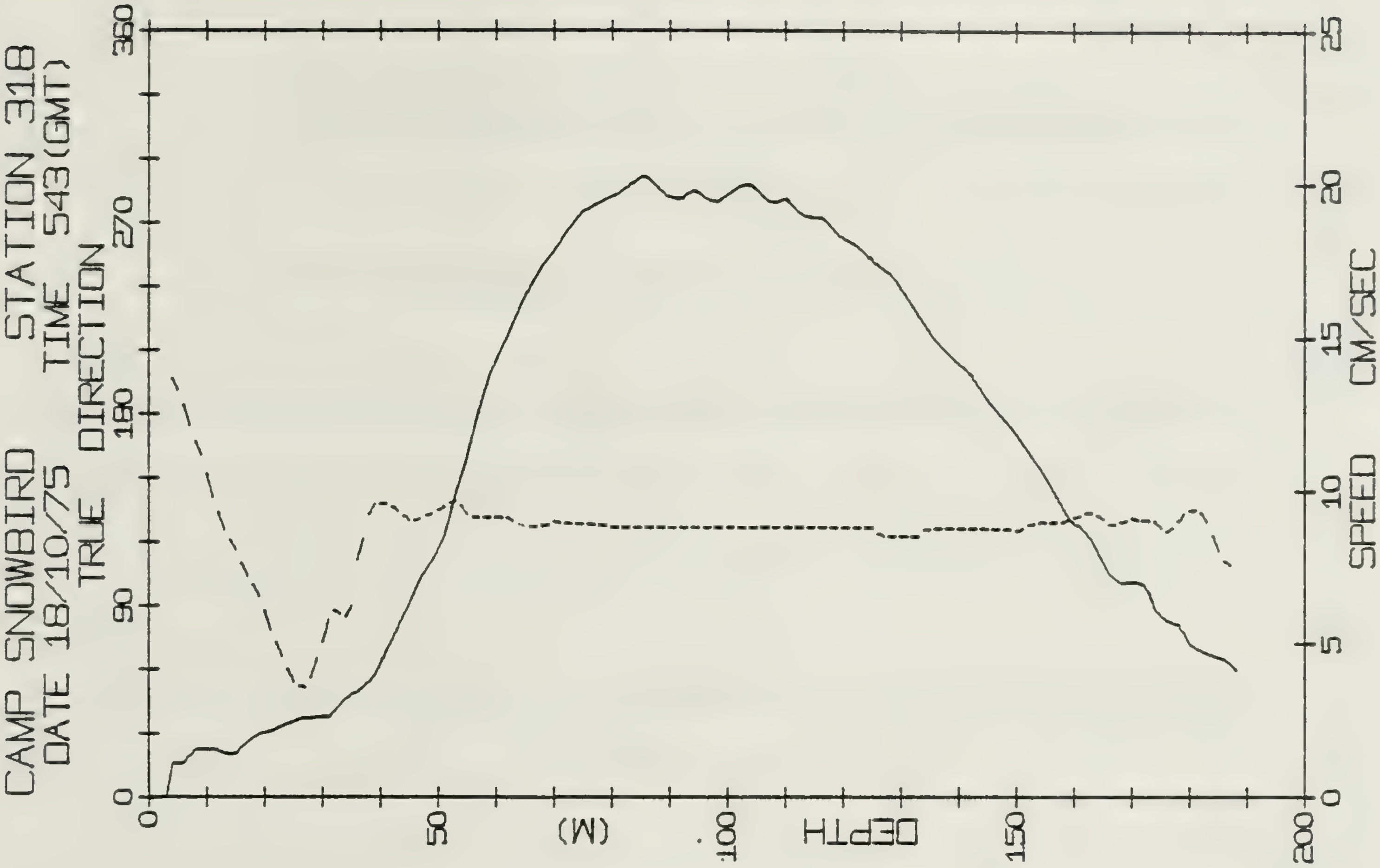

CAMP SNOWBIRD
DATE 16/10/75
STATION 316
TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 16/10/75
STATION 315
TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 315     (198M. I     16/OCT/75       542 GMT
LAT= 74.1088N  LONG= 142.4098W  LTER=      0.   LGER=      1.
NIVEL=   -0 6   EIVEL= -11.1       NVER=      0    EVER=      0.


DPT    SPD   DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0 0   999 9       67    3.5   342.0       134    4.0   351.3
  1    0.0   999.9       68    3.4   343.5       135    4.0   350.1
  2    0.0   999.9       69    3 3   345 1       136    4 2   349.1
  3    0.0   999.9       70    3.2   346.3       137    4.2   348.3
  4    6.8   273.0       71    3.1   347.3       138    4.0   349.0
  5    6.2   283.2       72    3.2   347.5       139    3 9   348.2
  6    5.8   282.2       73    3.4   350.4       140    4.0   347.1
  7    5.9   281.5       74    3.5   353.3       141    4.0   346.0
  8    6.0   280.3       75    3.3   354.6       142    4.1   345.5
  9    6.0   280.0       76    3.1   355.5       143    4.1   345.9
 10    5.8   280.4       77    3.1   356.0       144    4.1   347.2
 11    5.6   282.2       78    3.4   356.1       145    4.1   345.7
 12    5.4   283.6       79    3.8   356.0       146    4.1   342.3
 13    5.2   285.2       80    3.9   356.0       147    4.1   341.2
 14    5.0   288.2       81    3.9   356.1       148    4.1   340.7
 15    5.1   287.3       82    3.7   357.4       149    4.1   340.7
 16    5.2   286.7       83    3.5   357.7       150    4.2   341.8
 17    5.5   283.7       84    3.3   356.7       151    4.3   343.7
 18    5.4   281.8       85    3.0   355.1       152    4.4   344.2
 19    5.2   279.0       86    3.1   354 2       153    4.5   344.5
 20    5.0   277 4       87    3.3   353.8       154    4.5   343.4
 21    5.4   278.9       88    3.4   354.9       155    4.6   341.9
 22    5.5   280 5       89    3 5   356.6       156    4.7   340.0
 23    5.3   282.5       90    3.6   358.3       157    4.6   338.3
 24    5.1   285.8       91    3.7   359.8       158    4.5   337.9
 25    4.8   284.2       92    3.8     1.2       159    4.4   337.8
 26    4.5   277.2       93    4.0   359.2       160    4.4   339.3
 27    4.7   265.7       94    4.1   356.5       161    4.1   342.5
 28    4.5   266.7       95    4.1   354.6       162    4.0   343.6
 29    4.3   277 8       96    3.8   355.7       163    3.7   341.0
 30    4.3   289.6       97    3.3   357.0       164    3.5   338.2
 31    4.0   308.4       98    3.1   357.4       165    3.5   337.0
 32    3.9   320.9       99    3.1   356.4       166    3.6   338.5
 33    3.7   319.7      100    3.1   354.3       167    3.8   340.4
 34    3.3   313.7      101    3.1   354 7       168    3.8   342.4
 35    3.4   307.5      102    3.2   356.2       169    3.8   343.7
 36    3.6   302.7      103    3.7   357.5       170    3.8   342.4
 37    3.6   302.1      104    4.2   357.9       171    3.8   340.2
 38    3.6   302.0      105    4 3   358 2       172    3.9   337.1
 39    3.7   301.5      106    4.3   356 2       173    4.1   335.0
 40    3.7   300.9      107    4.3   354.3       174    4.2   334.0
 41    3.7   301.7      108    4.3   352.4       175    4.3   333.1
 42    3.6   303.2      109    4.3   350.4       176    4.1   334.3
 43    3.6   304 0      110    4.1   349.2       177    3.8   333.9
 44    3.6   305 0      111    3.9   348.7       178    3.6   332.0
 45    3.5   308.3      112    3.4   349.1       179    3.5   334.7
 46    3.4   313.6      113    3.2   349.0       180    3.3   338.4
 47    3.4   317.8      114    3.1   348.1       181    3.1   338.9
 48    3.4   316.5      115    3.1   348.8       182    3.0   338.0
 49    3.4   319.1      116    3.2   350.5       183    3.2   336.4
 50    3.3   323.9      117    3.4   351.7       184    3.4   336.9
 51    3.3   322 1      118    3.6   352.8       185    3.6   333.0
 52    3.3   320 9      119    3.6   354.1       186    3.6   326.0
 53    3.4   319.9      120    3.7   355.4       187    3.7   321.3
 54    3.4   318.9      121    3.7   356.5       188    3.7   318.0
 55    3.4   318 6      122    3.7   355.9       189    3.6   320.3
 56    3.4   319.1      123    3.7   355.6       190    3.7   322.8
 57    3.4   321.5      124    3 7   355.0       191    3.9   320.9
 58    3.3   323.9      125    3.7   355.4       192    4.1   318.8
 59    3.3   326.2      126    3.7   355.9       193    4.2   318.2
 60    3.3   328.5      127    3.7   356.9       194    4.1   316.6
 61    3.3   330.9      128    3.7   358 7       195    3.8   314.1
 62    3.1   333.5      129    3.9   359.3       196    3.8   310.0
 63    2.9   337.3      130    4 2   356.7       197    4.0   307.6
 64    2.9   339.5      131    4 3   354.9       198    4.2   307.0
 65    3.2   340 3      132    4.2   353.7
 66    3.5   340.8      133    4.1   352.4
```

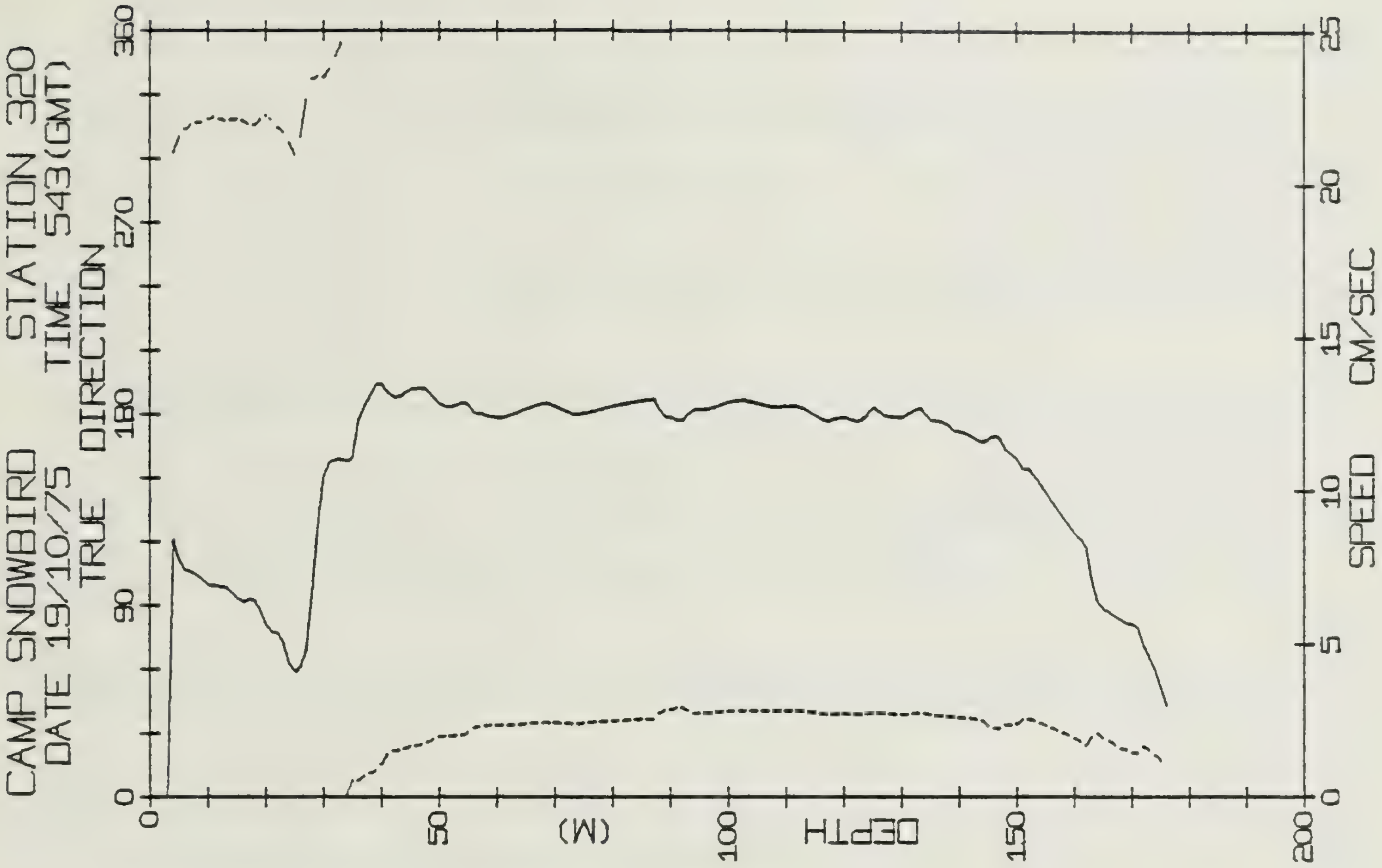
```
SNOWBIRD STATION 316     (196M. )     16/OCT/75      2242 GMT
LAT= 74.1013N  LONG= 142.6092W  LTER=      1.   LGER=      1.
NIVEL=  -4.0    EIVEL=  -4.2       NVER=      0.   EVER=      0.


DPT    SPD   DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9       67    6.5    98.8       134    7.5    81.6
  1    0.0   999.9       68    7.0    99.0       135    7.4    84.7
  2    0.0   999.9       69    7 5    99 3       136    7.2    87 4
  3    0.0   999.9       70    7.9    99.9       137    7.0    88.2
  4    2.9   225.8       71    8.2    98.6       138    6.8    88.9
  5    2.5   243.3       72    8.3    97.5       139    6.7    86.5
  6    3.0   262.3       73    8.3    96.0       140    6.7    84.7
  7    2.8   261.1       74    8.3    93.6       141    6.6    86 7
  8    2.6   259.6       75    8.3    90.9       142    6.5    88.8
  9    2.7   261.2       76    8.4    88.3       143    6.4    90 0
 10    2.7   262.3       77    8.6    87.1       144    6.3    90.5
 11    2.5   261.2       78    9.0    88.7       145    6.3    90 6
 12    1.9   251.9       79    9 4    90.1       146    6.3    90 8
 13    1.7   245.1       80    9.7    89.9       147    6.3    91.0
 14    1.7   245.6       81   10.0    90.3       148    6.2    90.8
 15    1.7   248.0       82   10.2    90.2       149    6.2    89.9
 16    1.6   245.9       83   10.4    90.1       150    6.0    89.4
 17    1.7   243.3       84   10 4    90.0       151    5.7    87.5
 18    1.7   240.9       85   10.5    89.5       152    5.4    85.7
 19    1.6   240.5       86   10.5    88.6       153    5.2    85.7
 20    1.5   241.0       87   10.6    87.6       154    5.0    86.0
 21    1.4   243.6       88   10.6    86.6       155    4.9    86 5
 22    1.4   246.2       89   10.7    86.2       156    4.9    86.7
 23    1.4   249.5       90   10.8    86.0       157    4.8    85.1
 24    1.5   252.7       91   10.9    85.7       158    4.8    82.6
 25    1.5   253.9       92   11.1    85.4       159    4.7    82.6
 26    1.5   253.8       93   11.2    84.8       160    4.6    83.4
 27    1.3   246.0       94   11.1    84.7       161    4.4    83.2
 28    1.2   233.1       95   11.1    84.5       162    4.2    83.0
 29    1.2   227.3       96   11.1    84.2       163    4.0    83.8
 30    1.3   236.7       97   11.0    83.5       164    3.8    84.9
 31    1.6   242.2       98   11.0    80.8       165    3.6    86.4
 32    2.0   236.9       99   11.0    77.9       166    3.4    88.6
 33    2.2   225.8      100   10.9    75.2       167    3.3    90.5
 34    2.4   204.8      101   10.9    74.9       168    3.2    91.7
 35    2.9   189.2      102   10.9    74.8       169    3.3    91.9
 36    3.0   184.0      103   11.0    74.8       170    3.3    92.9
 37    2.7   180.8      104   11.0    74.8       171    3.4    92.4
 38    2.6   183.1      105   11.0    74.8       172    3.3    93.5
 39    2.7   186.8      106   10.9    75.0       173    3.3    94.6
 40    2.8   185.8      107   10.8    76.8       174    3.2    95.8
 41    2.8   183.8      108   10.7    78.7       175    3.1    97.5
 42    2.7   182.3      109   10.6    79.0       176    2.9    99.7
 43    2.7   179.0      110   10 4    79.2       177    2.9   100.0
 44    2.9   175.5      111   10.6    78.9       178    3.1    97.9
 45    3.0   173.3      112   10.9    78.4       179    3.1   102.0
 46    3.0   171.5      113   11.1    78.0       180    2.8   112.2
 47    2.9   170.1      114   10.8    78.1       181    2.5   120.5
 48    2.8   168.8      115   10.6    78.3       182    2.7   119.1
 49    3.0   165.0      116   10.3    78.5       183    3.2   112.0
 50    3.2   161.4      117   10.0    78.7       184    3.2   110.2
 51    3.2   157.4      118    9.9    81.2       185    2.9   110.3
 52    3.3   150.6      119    9 8    82.9       186    2.7   108.4
 53    3.3   143.3      120    9.6    83.3       187    2.5   106.0
 54    3.5   137.0      121    9.4    83.6       188    2 4   101.9
 55    3.5   129.9      122    9.1    84.3       189    2.2   107.3
 56    3.6   123.1      123    8 7    85.0       190    2.0   114.2
 57    3.9   119.1      124    8.6    85.3       191    1.9   123.3
 58    4.2   116.8      125    8.5    85.6       192    1.9   127.1
 59    4.4   118.1      126    8.3    84.7       193    1.9   128.0
 60    4.7   116.8      127    8.0    82.4       194    1.9   125.0
 61    5.1   115.3      128    7.7    80.4       195    1.9   125.0
 62    5.4   112.9      129    7.6    78.7       196    1.8   127.6
 63    5.7   109.1      130    7.5    78 0
 64    5.8   104.5      131    7.6    78.8
 65    6.0   100.0      132    7 6    80.6
 66    6.3    99.1      133    7.6    81.4
```

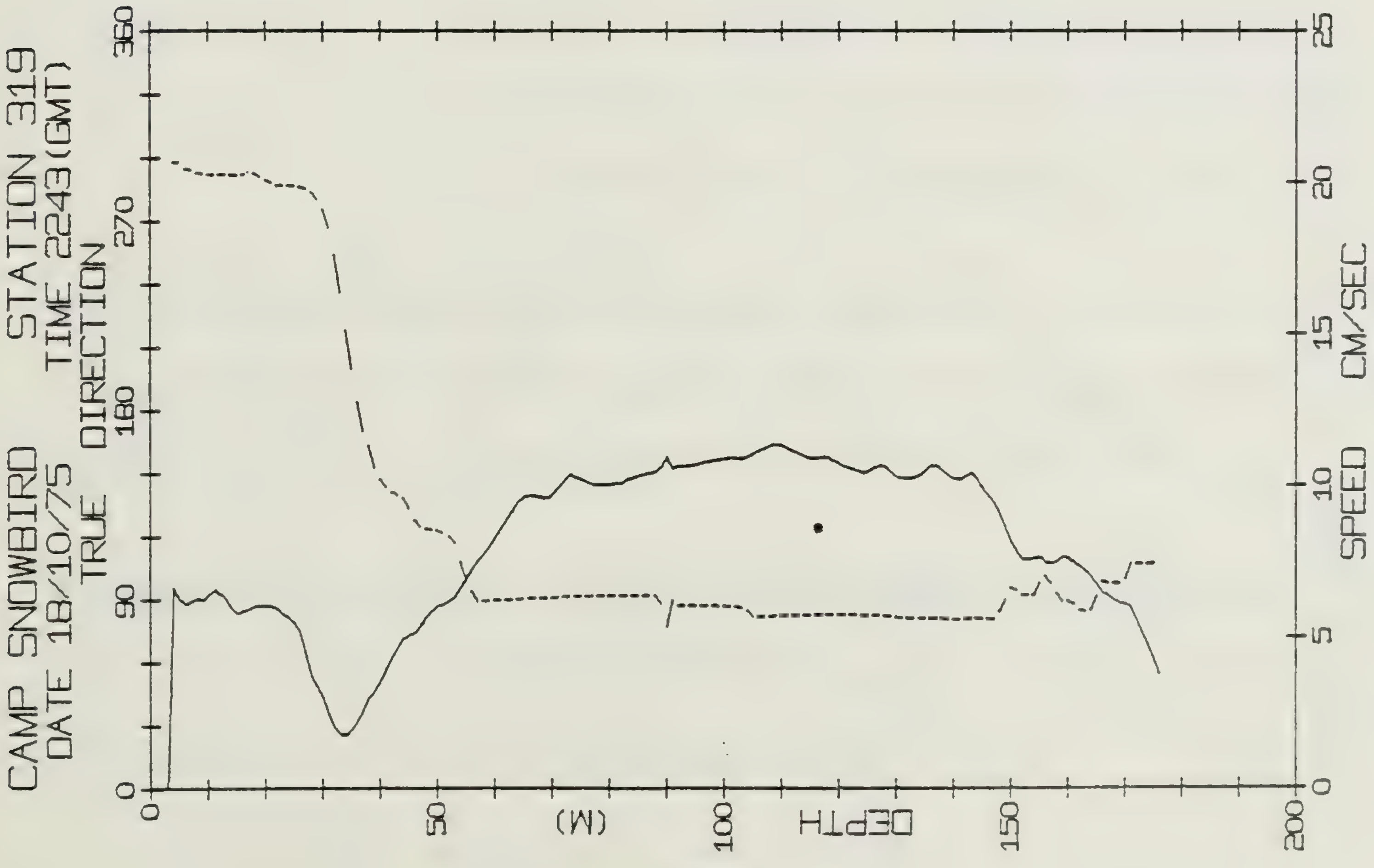

CAMP SNOWBIRD STATION 317
DATE 17/10/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 318
DATE 18/10/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 317     (190M.)      17/OCT/75       542 GMT
LAT= 74.0839N  LONG= 142.6247W  LTER=    0.   LGER=     0
NIVEL= -11.0   EIVEL=  -1.7     NVER=    0    EVER=     0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67   11.2   103.4      134    9.7    92.9
   1    0.0   999.9       68   11.5   102.2      135    9.7    92.9
   2    0.0   999.9       69   11.7   101.2      136    9.6    93.4
   3    0.0   999.9       70   11.9   100.6      137    9.4    94.5
   4    9.2   206.2       71   12.1   100.0      138    9.3    95.9
   5    8.6   210.2       72   12.3    99.3      139    9.6    98.2
   6    8.1   210.6       73   12.5    98.7      140    9.5    99.1
   7    7.7   209.6       74   12.4    96.8      141    9.2    99.1
   8    7.4   209.1       75   12.3    94.9      142    8.8    98.4
   9    7.3   208.8       76   12.5    94.2      143    8.7    99.1
  10    7.1   208.2       77   12.6    93.5      144    8.5    99.8
  11    6.8   206.0       78   12.7    93.1      145    8.3   100.0
  12    6.5   200.3       79   12.8    92.9      146    7.8    99.4
  13    6.4   194.9       80   12.6    91.9      147    7.8   100.6
  14    6.2   192.9       81   13.3    94.2      148    7.7   101.9
  15    6.2   192.4       82   13.5    94.9      149    7.6   103.3
  16    6.1   193.1       83   13.8    95.6      150    7.5   104.4
  17    6.0   193.2       84   14.4    98.0      151    7.6   106.7
  18    6.0   194.3       85   14.4    97.9      152    7.2   106.7
  19    6.1   195.9       86   14.3    97.8      153    6.4   105.6
  20    6.3   197.1       87   14.3    97.6      154    6.1   106.4
  21    6.3   195.7       88   14.3    97.3      155    5.9   107.7
  22    6.4   194.0       89   14.4    97.1      156    5.9   110.2
  23    6.4   191.8       90   14.4    96.8      157    6.0   112.9
  24    6.4   191.2       91   14.2    95.7      158    6.0   115.3
  25    6.3   191.0       92   13.8    93.0      159    6.0   119.0
  26    6.4   189.6       93   14.0    93.4      160    6.0   123.7
  27    6.5   188.0       94   14.4    94.5      161    6.0   128.3
  28    6.6   187.2       95   14.8    95.6      162    6.0   129.9
  29    6.5   186.8       96   14.9    95.3      163    6.1   130.5
  30    6.0   186.7       97   15.0    95.0      164    6.1   131.0
  31    5.5   183.7       98   15.0    94.9      165    5.9   133.2
  32    5.2   180.7       99   15.1    94.7      166    5.7   135.8
  33    5.0   176.5      100   15.0    94.8      167    5.8   138.0
  34    5.0   173.9      101   15.0    95.0      168    6.0   140.2
  35    4.9   173.5      102   14.9    95.1      169    6.1   142.1
  36    4.9   174.0      103   14.9    95.2      170    6.2   143.9
  37    5.0   174.7      104   14.9    95.2      171    6.2   144.7
  38    5.2   174.6      105   14.8    95.3      172    6.2   143.7
  39    5.3   172.8      106   14.8    95.4      173    6.1   142.8
  40    5.3   169.9      107   14.8    95.6      174    6.0   142.5
  41    5.3   166.8      108   14.8    95.7      175    6.0   142.6
  42    5.2   164.7      109   14.7    95.9      176    6.0   141.8
  43    5.1   162.5      110   14.5    95.3      177    5.9   140.9
  44    5.1   157.2      111   14.1    93.4      178    5.7   140.4
  45    5.3   151.6      112   14.0    93.2      179    5.4   140.0
  46    5.3   147.2      113   14.0    93.5      180    5.3   141.0
  47    5.3   145.0      114   13.9    93.7      181    5.4   142.2
  48    5.4   145.4      115   13.8    94.0      182    5.4   143.4
  49    5.5   147.1      116   13.7    94.2      183    5.4   144.6
  50    5.5   144.8      117   13.7    94.3      184    5.5   145.2
  51    5.6   140.4      118   13.7    94.3      185    5.5   144.8
  52    5.7   136.0      119   13.3    92.1      186    5.4   144.3
  53    6.1   131.7      120   13.0    90.6      187    5.5   144.7
  54    6.6   128.3      121   13.0    90.6      188    5.5   146.0
  55    7.1   125.6      122   13.0    90.7      189    5.6   147.3
  56    7.4   122.5      123   12.9    91.1      190    5.6   148.7
  57    7.6   119.3      124   12.7    91.7
  58    7.8   116.2      125   12.5    92.5
  59    8.1   113.5      126   12.3    93.3
  60    8.3   111.0      127   12.1    94.0
  61    8.8   109.3      128   11.4    92.8
  62    9.2   107.8      129   11.2    93.7
  63    9.6   106.8      130   11.0    94.7
  64   10.0   106.0      131   10.4    93.7
  65   10.5   105.4      132    9.9    92.8
  66   10.9   104.7      133    9.7    92.8
```

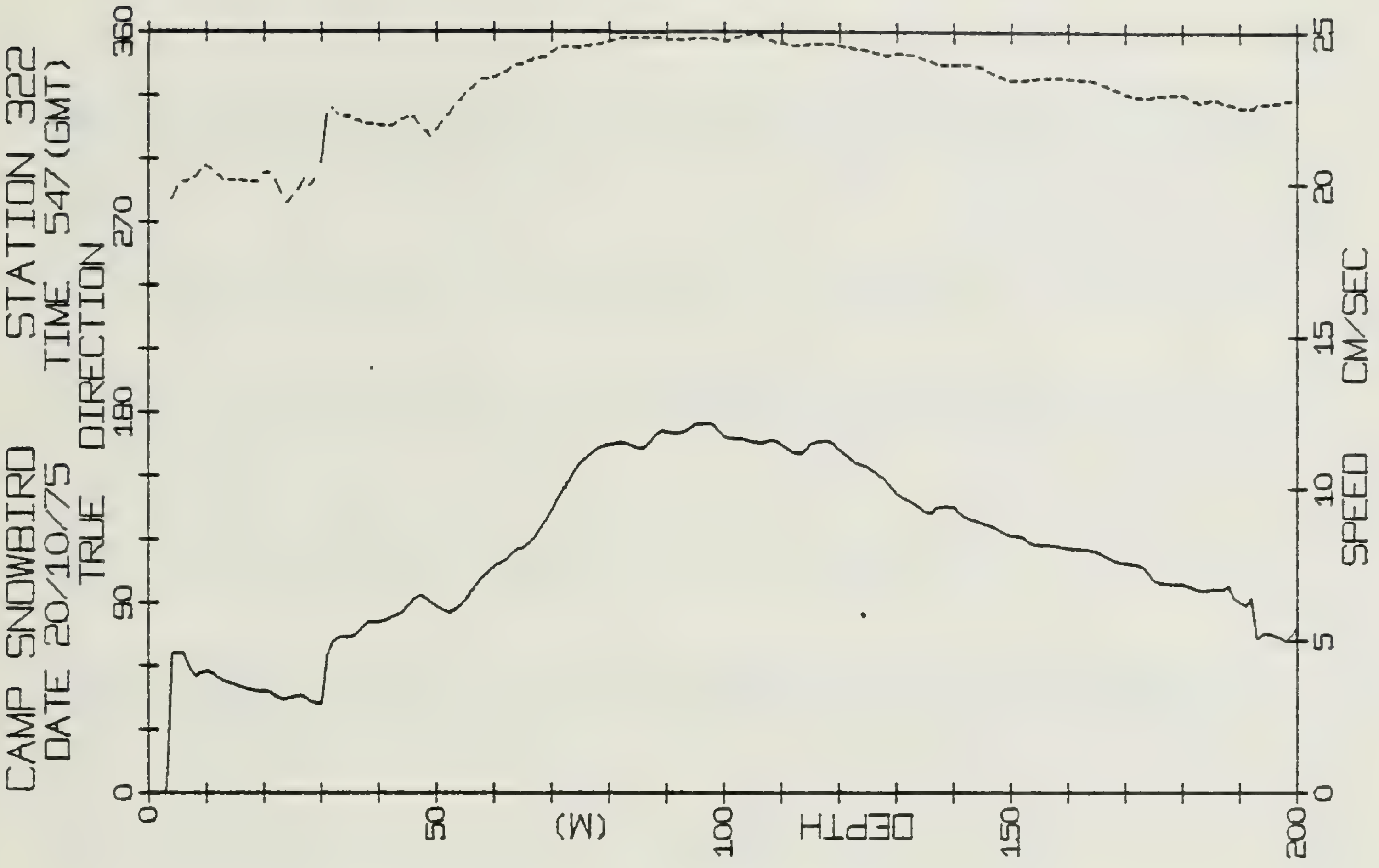
```
SNOWBIRD STATION 318     (188M.)      18/OCT/75       543 GMT
LAT= 74.0421N  LONG= 142.5597W  LTER=   12.   LGER=    19.
NIVEL=   0.1   EIVEL=   0.0     NVER=    1.   EVER=     1.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67   17.1   127.4      134   15.4   125.5
   1    0.0   999.9       68   17.4   127.7      135   15.1   126.3
   2    0.0   999.9       69   17.6   128.6      136   14.9   126.4
   3    0.0   999.9       70   17.8   129.6      137   14.7   126.4
   4    1.1   196.6       71   18.1   129.2      138   14.5   126.4
   5    1.1   191.5       72   18.5   128.9      139   14.3   126.3
   6    1.1   184.3       73   18.7   128.8      140   14.1   126.3
   7    1.4   174.8       74   18.9   128.7      141   14.0   126.3
   8    1.5   167.2       75   19.1   128.4      142   13.8   126.2
   9    1.6   161.2       76   19.2   128.2      143   13.5   126.2
  10    1.6   151.8       77   19.3   128.0      144   13.2   126.1
  11    1.6   141.4       78   19.4   127.7      145   12.9   126.0
  12    1.5   133.9       79   19.5   127.4      146   12.7   126.0
  13    1.4   126.0       80   19.6   126.7      147   12.5   126.0
  14    1.4   120.9       81   19.7   126.6      148   12.3   126.0
  15    1.5   116.5       82   19.8   126.6      149   12.1   125.7
  16    1.6   110.0       83   20.0   126.6      150   11.8   125.2
  17    1.8   104.4       84   20.1   126.6      151   11.6   126.5
  18    1.9    99.6       85   20.3   126.6      152   11.3   128.1
  19    2.1    94.6       86   20.2   126.6      153   11.0   128.9
  20    2.1    87.5       87   20.0   126.6      154   10.7   129.6
  21    2.2    79.1       88   19.9   126.6      155   10.4   129.0
  22    2.3    72.5       89   19.7   126.6      156   10.1   129.3
  23    2.3    66.3       90   19.6   126.6      157    9.8   129.5
  24    2.4    60.2       91   19.5   126.6      158    9.5   129.9
  25    2.5    54.4       92   19.5   126.6      159    9.1   130.9
  26    2.6    52.3       93   19.7   126.7      160    8.9   131.9
  27    2.6    51.6       94   19.8   126.7      161    8.8   132.9
  28    2.6    56.4       95   19.7   126.8      162    8.6   133.9
  29    2.6    64.7       96   19.6   126.8      163    8.4   134.1
  30    2.6    72.8       97   19.4   126.8      164    8.0   132.7
  31    2.6    83.0       98   19.4   126.8      165    7.7   130.8
  32    2.8    87.7       99   19.5   126.8      166    7.3   128.3
  33    3.0    86.3      100   19.7   126.9      167    7.1   128.3
  34    3.2    85.0      101   19.8   126.9      168    7.0   129.5
  35    3.4    89.7      102   19.9   126.9      169    7.0   130.6
  36    3.5   111.9      103   20.0   126.9      170    7.0   131.5
  37    3.6   121.2      104   19.9   126.9      171    7.0   130.5
  38    3.8   133.4      105   19.8   127.0      172    6.9   130.5
  39    4.0   137.7      106   19.6   127.0      173    6.7   130.0
  40    4.4   138.2      107   19.4   126.9      174    6.1   129.4
  41    4.8   137.9      108   19.4   126.9      175    5.9   127.0
  42    5.2   136.8      109   19.5   126.9      176    5.8   125.4
  43    5.6   134.7      110   19.5   126.8      177    5.7   126.8
  44    5.9   132.5      111   19.3   126.8      178    5.6   130.1
  45    6.3   130.3      112   19.1   126.7      179    5.4   133.3
  46    6.8   130.2      113   19.0   126.7      180    5.0   135.1
  47    7.2   131.8      114   18.9   126.7      181    4.9   135.4
  48    7.5   132.8      115   18.9   126.6      182    4.8   134.1
  49    7.8   133.7      116   18.9   126.6      183    4.7   130.1
  50    8.1   135.2      117   18.8   126.6      184    4.6   123.2
  51    8.5   136.7      118   18.6   126.5      185    4.5   116.4
  52    9.2   138.5      119   18.3   126.5      186    4.5   111.2
  53    9.9   139.6      120   18.2   126.5      187    4.4   109.5
  54   10.5   137.1      121   18.1   126.5      188    4.2   112.2
  55   11.2   133.1      122   18.0   126.4
  56   11.9   131.8      123   17.9   126.4
  57   12.6   131.7      124   17.7   126.4
  58   13.3   131.7      125   17.5   126.4
  59   13.9   131.7      126   17.3   124.1
  60   14.3   131.8      127   17.2   122.5
  61   14.7   131.5      128   17.1   122.6
  62   15.1   131.2      129   16.9   122.5
  63   15.5   129.8      130   16.6   122.6
  64   16.0   128.2      131   16.3   122.6
  65   16.4   127.1      132   16.0   122.7
  66   16.7   127.2      133   15.7   122.7
```

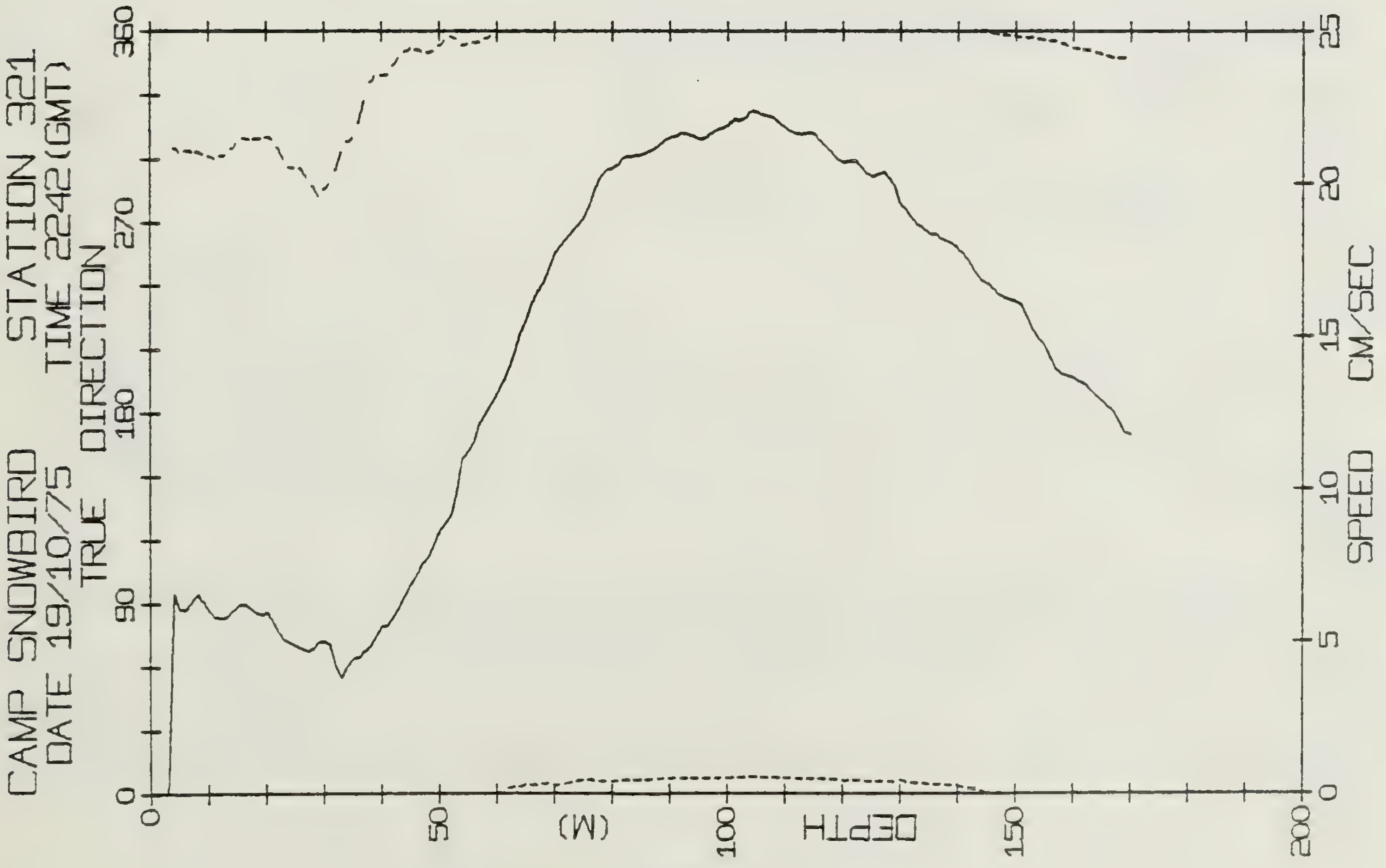

CAMP SNOWBIRD STATION 320
DATE 19/10/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 319
DATE 18/10/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 319     (176M.)     18/OCT/75      2243 GMT
LAT= 74.0461N  LONG= 142.6611W  LTER=    0   LGER=    0.
NIVEL=   2.0   EIVEL=  -9.0     NVER=    0.  EVER=    0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   9.6   90.6     134  10.3   80.8
  1   0.0  999.9      68   9.6   90.7     135  10.5   80.9
  2   0.0  999.9      69   9.6   90.8     136  10.7   81.0
  3   0.0  999.9      70   9.7   90.9     137  10.6   80.9
  4   6.6  297.8      71   9.9   91.1     138  10.5   80.7
  5   6.2  298.0      72  10.1   91.3     139  10.3   80.2
  6   6.1  294.8      73  10.4   91.5     140  10.2   80.3
  7   6.2  294.1      74  10.3   91.5     141  10.2   80.5
  8   6.3  293.0      75  10.2   91.5     142  10.3   80.7
  9   6.2  292.2      76  10.1   91.6     143  10.4   81.0
 10   6.4  292.2      77  10.0   91.6     144  10.2   80.9
 11   6.6  292.3      78  10.0   91.7     145   9.9   80.7
 12   6.4  292.3      79  10.0   91.7     146   9.7   80.6
 13   6.3  292.1      80  10.1   91.9     147   9.4   80.5
 14   6.0  291.9      81  10.1   91.9     148   9.1   84.1
 15   5.8  291.6      82  10.1   91.8     149   8.6   89.2
 16   5.9  292.3      83  10.2   91.7     150   8.2   95.2
 17   5.9  293.5      84  10.3   91.8     151   7.8   94.0
 18   6.0  292.6      85  10.3   91.7     152   7.6   92.0
 19   6.0  290.8      86  10.4   91.6     153   7.6   91.9
 20   6.1  289.1      87  10.4   91.5     154   7.6   91.8
 21   6.0  288.1      88  10.5   91.6     155   7.6   97.5
 22   5.9  286.8      89  10.6   88.1     156   7.5  100.9
 23   5.8  286.9      90  11.0   77.2     157   7.4   97.4
 24   5.6  286.9      91  10.6   89.4     158   7.5   92.7
 25   5.5  286.4      92  10.7   87.1     159   7.6   89.1
 26   5.2  285.8      93  10.7   87.0     160   7.6   88.9
 27   4.5  285.2      94  10.7   86.9     161   7.4   87.7
 28   3.8  283.4      95  10.7   87.0     162   7.3   84.8
 29   3.4  280.1      96  10.8   86.9     163   7.2   84.0
 30   3.0  275.4      97  10.8   86.9     164   7.0   84.9
 31   2.5  267.1      98  10.8   86.8     165   6.7   91.3
 32   2.0  253.8      99  10.9   86.7     166   6.5   98.2
 33   1.8  236.4     100  10.9   86.6     167   6.4   97.3
 34   1.8  218.0     101  10.9   86.5     168   6.2   97.4
 35   1.9  199.9     102  10.9   86.3     169   6.1   97.5
 36   2.2  184.0     103  10.9   85.7     170   6.1   99.6
 37   2.6  170.3     104  11.0   84.7     171   6.0  106.9
 38   3.0  163.2     105  11.1   81.9     172   5.6  107.0
 39   3.2  153.2     106  11.2   82.0     173   5.1  107.0
 40   3.5  147.2     107  11.3   82.1     174   4.7  107.1
 41   3.9  143.6     108  11.3   82.2     175   4.3  107.3
 42   4.3  141.2     109  11.4   82.3     176   3.8  107.5
 43   4.6  139.5     110  11.3   82.4
 44   4.9  138.1     111  11.2   82.4
 45   5.1  133.4     112  11.1   82.5
 46   5.2  127.8     113  11.0   82.5
 47   5.4  124.6     114  10.9   82.5
 48   5.7  123.6     115  10.9   82.7
 49   5.9  122.9     116  10.9   82.8
 50   6.0  122.3     117  11.0   82.9
 51   6.1  121.6     118  10.9   82.9
 52   6.2  119.7     119  10.8   82.8
 53   6.3  117.0     120  10.7   82.7
 54   6.6  108.1     121  10.6   82.6
 55   6.9   99.9     122  10.6   82.6
 56   7.3   93.9     123  10.5   82.5
 57   7.5   89.3     124  10.4   82.4
 58   7.7   89.4     125  10.5   82.5
 59   8.0   89.5     126  10.6   82.4
 60   8.3   89.7     127  10.7   82.4
 61   8.6   89.8     128  10.6   82.1
 62   8.9   89.9     129  10.4   81.6
 63   9.2   90.1     130  10.3   81.2
 64   9.5   90.3     131  10.2   80.8
 65   9.6   90.5     132  10.2   80.8
 66   9.7   90.6     133  10.3   80.8
```

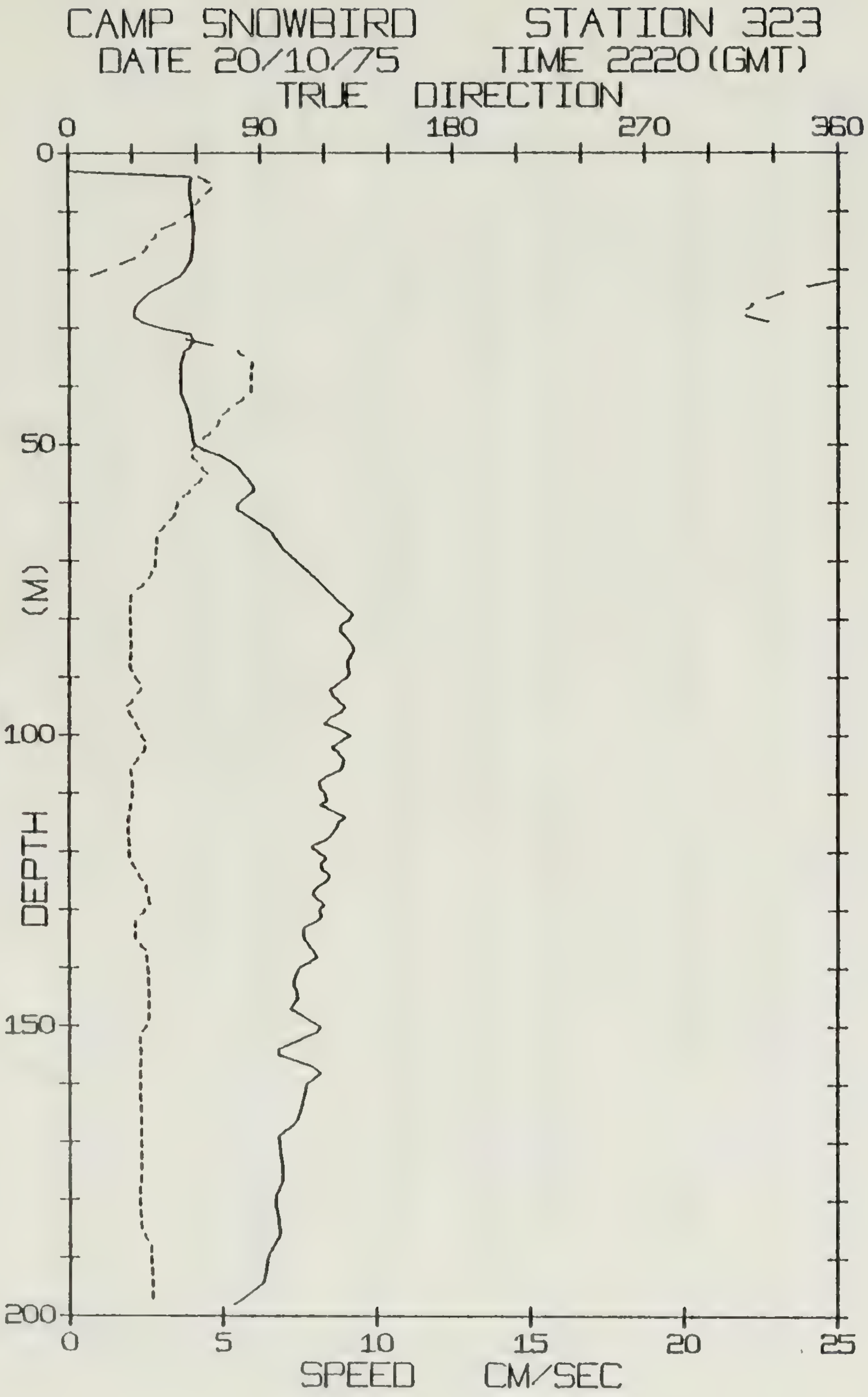
```
SNOWBIRD STATION 320     (176M.)     19/OCT/75       543 GMT
LAT= 74.0531N  LONG= 142.7413W  LTER=    1.  LGER=    2.
NIVEL=   3.5   EIVEL= -10.6     NVER=    0.  EVER=    0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67  12.8   34.9     134  12.5   39.1
  1   0.0  999.9      68  12.9   35.1     135  12.3   38.4
  2   0.0  999.9      69  12.8   35.0     136  12.3   38.2
  3   0.0  999.9      70  12.7   34.8     137  12.2   38.0
  4   8.4  302.8      71  12.6   34.7     138  12.1   37.9
  5   7.7  309.7      72  12.6   34.6     139  12.0   37.3
  6   7.4  313.6      73  12.5   34.5     140  11.9   37.2
  7   7.3  316.0      74  12.5   34.7     141  11.9   37.1
  8   7.2  316.9      75  12.5   34.9     142  11.8   36.7
  9   7.1  316.9      76  12.6   35.2     143  11.7   36.4
 10   6.9  318.7      77  12.6   35.5     144  11.6   35.6
 11   6.9  319.8      78  12.7   35.7     145  11.7   33.3
 12   6.9  318.6      79  12.7   35.8     146  11.8   32.1
 13   6.8  317.4      80  12.8   36.0     147  11.7   32.3
 14   6.7  318.4      81  12.8   36.0     148  11.3   33.9
 15   6.5  318.8      82  12.8   36.2     149  11.2   34.2
 16   6.4  317.7      83  12.9   36.4     150  11.0   34.6
 17   6.4  315.8      84  12.9   36.4     151  10.7   36.8
 18   6.4  315.7      85  13.0   36.6     152  10.7   36.7
 19   6.1  318.2      86  13.0   36.7     153  10.5   35.8
 20   5.6  320.1      87  13.0   36.6     154  10.2   34.7
 21   5.4  318.2      88  12.7   39.3     155  10.0   33.5
 22   5.3  314.8      89  12.4   41.2     156   9.7   32.5
 23   5.1  312.3      90  12.4   41.5     157   9.4   31.2
 24   4.4  307.6      91  12.3   42.3     158   9.1   30.1
 25   4.1  302.1      92  12.3   42.2     159   8.9   28.7
 26   4.2  310.1      93  12.5   40.5     160   8.6   27.4
 27   4.8  327.4      94  12.7   39.3     161   8.4   26.0
 28   6.7  337.3      95  12.6   39.5     162   8.2   24.6
 29   8.9  338.8      96  12.7   39.6     163   7.1   28.3
 30  10.5  338.1      97  12.7   39.9     164   6.4   29.6
 31  10.9  342.4      98  12.8   40.1     165   6.1   27.9
 32  11.0  348.0      99  12.8   40.3     166   6.0   26.3
 33  11.0  354.4     100  12.9   40.6     167   5.9   24.5
 34  11.0    1.2     101  13.0   40.8     168   5.8   22.6
 35  11.1    7.4     102  13.0   40.9     169   5.7   22.1
 36  12.3    8.0     103  12.9   40.8     170   5.6   20.8
 37  12.7   10.0     104  12.9   40.7     171   5.5   20.4
 38  13.1   11.3     105  12.8   40.6     172   5.0   23.6
 39  13.4   12.6     106  12.8   40.5     173   4.6   22.0
 40  13.5   15.6     107  12.7   40.4     174   4.1   19.8
 41  13.2   19.9     108  12.7   40.5     175   3.6   17.3
 42  13.0   21.8     109  12.8   40.6     176   3.0   13.1
 43  13.1   22.3     110  12.8   40.6
 44  13.2   23.2     111  12.8   40.6
 45  13.3   24.0     112  12.7   40.4
 46  13.3   24.6     113  12.7   40.2
 47  13.4   25.1     114  12.6   39.9
 48  13.2   26.1     115  12.5   39.5
 49  13.0   27.5     116  12.3   39.2
 50  12.8   28.6     117  12.2   38.8
 51  12.7   29.1     118  12.4   39.1
 52  12.7   29.1     119  12.4   39.3
 53  12.8   29.2     120  12.4   39.2
 54  12.9   29.4     121  12.3   39.0
 55  12.8   30.7     122  12.3   38.7
 56  12.6   32.7     123  12.3   38.8
 57  12.5   33.5     124  12.5   39.4
 58  12.4   33.8     125  12.7   39.8
 59  12.4   33.9     126  12.6   39.5
 60  12.4   33.8     127  12.5   39.2
 61  12.4   33.8     128  12.4   39.0
 62  12.5   34.0     129  12.4   38.8
 63  12.5   34.1     130  12.4   38.9
 64  12.6   34.3     131  12.5   39.2
 65  12.7   34.6     132  12.6   39.4
 66  12.7   34.8     133  12.7   39.6
```

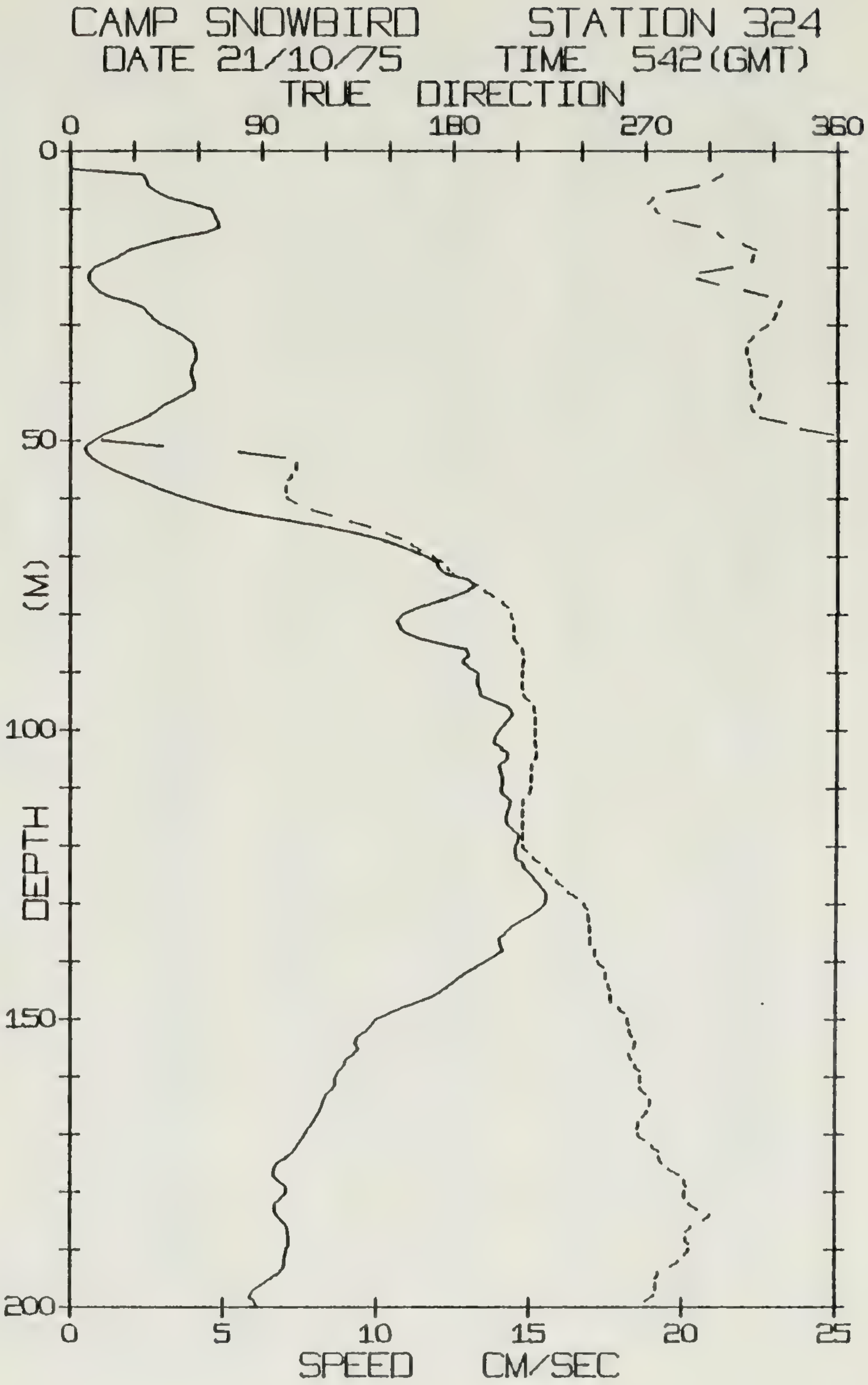

CAMP SNOWBIRD
DATE 20/10/75
STATION 322
TIME 547(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 19/10/75
STATION 321
TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 321    (170M )     19/OCT/75     2242 GMT
LAT= 74.0642N  LONG= 142.9756W  LTER=     0   LGER=     0
NIVEL=   2.5   EIVEL= -10.2     NVER=     0   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   16.5    4.3       134   18.5    4.4
  1    0.0   999.9       68   16.7    4.9       135   18.4    4.2
  2    0.0   999.9       69   17.2    4.5       136   18.3    4.2
  3    0.0   999.9       70   17.7    3.9       137   18.2    4.0
  4    6.5   304.9       71   18.0    4.4       138   18.1    3.8
  5    6.1   303.2       72   18.2    4.9       139   18.0    3.6
  6    6.1   303.8       73   18.4    5.6       140   17.8    3.3
  7    6.3   303.2       74   18.7    6.2       141   17.7    2.9
  8    6.6   303.1       75   18.9    6.8       142   17.4    2.4
  9    6.3   301.9       76   19.3    6.8       143   17.1    1.6
 10    6.0   301.0       77   19.8    5.8       144   16.8    1.0
 11    5.8   299.9       78   20.2    5.5       145   16.7    0.1
 12    5.8   301.3       79   20.5    5.8       146   16.6  359.1
 13    5.8   302.2       80   20.5    5.9       147   16.4  358.5
 14    6.0   304.6       81   20.6    6.0       148   16.2  358.1
 15    6.2   307.5       82   20.9    6.3       149   16.2  357.9
 16    6.2   309.3       83   20.9    6.4       150   16.1  357.6
 17    6.1   308.9       84   20.9    6.4       151   16.0  357.1
 18    6.0   309.3       85   21.0    6.4       152   15.6  357.1
 19    5.9   309.9       86   21.0    6.6       153   15.2  357.1
 20    6.0   310.4       87   21.1    6.7       154   14.9  356.4
 21    5.7   309.0       88   21.3    6.9       155   14.7  355.7
 22    5.3   305.4       89   21.4    7.1       156   14.3  355.6
 23    5.1   299.9       90   21.5    7.3       157   13.9  355.6
 24    4.9   296.0       91   21.6    7.4       158   13.8  354.4
 25    4.8   295.5       92   21.6    7.4       159   13.7  353.2
 26    4.8   294.9       93   21.6    7.4       160   13.6  352.1
 27    4.7   291.1       94   21.5    7.3       161   13.5  351.7
 28    4.8   287.0       95   21.5    7.2       162   13.4  351.3
 29    5.0   282.8       96   21.5    7.3       163   13.2  350.6
 30    5.0   285.6       97   21.6    7.4       164   13.1  349.7
 31    4.9   288.3       98   21.8    7.6       165   12.9  348.9
 32    4.2   294.2       99   21.8    7.6       166   12.7  348.0
 33    3.8   302.9      100   21.9    7.7       167   12.5  347.2
 34    4.2   307.9      101   22.1    7.9       168   12.2  347.3
 35    4.4   309.6      102   22.1    7.8       169   11.8  347.5
 36    4.5   316.8      103   22.2    7.9       170   11.8  347.0
 37    4.7   327.2      104   22.4    8.0
 38    4.8   336.1      105   22.3    7.9
 39    5.2   339.0      106   22.2    7.7
 40    5.5   339.5      107   22.2    7.6
 41    5.5   339.8      108   22.1    7.6
 42    5.8   343.9      109   22.0    7.4
 43    6.1   347.7      110   21.8    7.3
 44    6.5   350.6      111   21.7    7.1
 45    6.9   352.2      112   21.6    7.0
 46    7.2   351.4      113   21.6    7.1
 47    7.6   350.5      114   21.7    7.2
 48    7.7   350.1      115   21.6    7.1
 49    8.2   350.9      116   21.4    6.9
 50    8.6   353.3      117   21.2    6.7
 51    8.9   355.7      118   21.0    6.4
 52    9.1   357.6      119   20.8    6.2
 53    9.9   356.3      120   20.7    6.1
 54   11.0   353.7      121   20.8    6.3
 55   11.3   354.4      122   20.8    6.4
 56   11.5   355.1      123   20.6    6.2
 57   12.2   355.3      124   20.3    5.8
 58   12.5   356.8      125   20.2    5.6
 59   12.8   358.3      126   20.3    5.7
 60   13.1   359.7      127   20.4    5.8
 61   13.5     1.2      128   20.2    5.5
 62   13.9     2.7      129   19.9    5.1
 63   14.4     3.4      130   19.3    6.3
 64   15.1     3.4      131   19.1    5.4
 65   15.5     4.5      132   18.9    5.0
 66   16.0     4.1      133   18.7    4.7
```

```
SNOWBIRD STATION 322    (200M.)     20/OCT/75      547 GMT
LAT= 74.0697N  LONG= 143.0476W  LTER=     1.  LGER=     2.
NIVEL=   1.3   EIVEL=  -6.9     NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    8.4  347.3       134    9.4  348.1
  1    0.0   999.9       68    8.7  348.0       135    9.2  347.2
  2    0.0   999.9       69    9.0  348.6       136    9.2  346.3
  3    0.0   999.9       70    9.3  350.5       137    9.4  344.8
  4    4.6   281.2       71    9.7  352.4       138    9.4  344.5
  5    4.6   286.3       72   10.0  353.1       139    9.4  344.5
  6    4.6   288.8       73   10.3  353.0       140    9.4  344.5
  7    4.1   290.0       74   10.6  352.7       141    9.2  345.0
  8    3.8   291.2       75   10.9  352.7       142    9.0  344.9
  9    3.9   294.3       76   11.1  353.4       143    9.0  344.4
 10    4.0   296.4       77   11.2  353.9       144    8.9  343.9
 11    3.9   294.7       78   11.4  354.4       145    8.8  343.0
 12    3.8   292.1       79   11.4  355.0       146    8.8  341.6
 13    3.7   289.7       80   11.5  355.7       147    8.7  340.2
 14    3.6   289.8       81   11.5  356.4       148    8.6  339.1
 15    3.5   289.8       82   11.5  357.2       149    8.5  338.1
 16    3.5   289.6       83   11.5  357.6       150    8.4  337.4
 17    3.4   289.1       84   11.4  357.3       151    8.4  337.2
 18    3.4   288.9       85   11.3  357.0       152    8.4  337.2
 19    3.3   289.1       86   11.4  357.0       153    8.2  338.1
 20    3.3   293.3       87   11.5  357.5       154    8.1  338.5
 21    3.3   293.7       88   11.8  357.4       155    8.1  338.6
 22    3.1   289.9       89   11.9  357.0       156    8.1  338.7
 23    3.1   284.0       90   11.8  356.4       157    8.1  338.8
 24    3.1   279.4       91   11.8  356.2       158    8.1  338.6
 25    3.2   282.1       92   11.8  356.4       159    8.0  338.5
 26    3.2   285.6       93   11.9  356.6       160    8.0  338.2
 27    3.1   290.1       94   12.0  356.9       161    8.0  338.0
 28    3.0   287.8       95   12.1  357.3       162    8.0  337.7
 29    2.9   290.5       96   12.1  357.2       163    8.0  337.4
 30    2.9   298.3       97   12.2  357.1       164    7.9  337.2
 31    4.5   321.0       98   12.1  356.8       165    7.9  336.5
 32    5.0   323.7       99   11.9  356.1       166    7.8  335.4
 33    5.1   321.0      100   11.7  355.5       167    7.7  334.3
 34    5.1   320.1      101   11.6  356.4       168    7.6  333.2
 35    5.1   320.1      102   11.6  357.5       169    7.5  332.1
 36    5.2   318.3      103   11.6  358.5       170    7.5  330.9
 37    5.4   317.2      104   11.6  359.1       171    7.5  330.0
 38    5.6   316.7      105   11.5  358.7       172    7.5  329.5
 39    5.6   316.2      106   11.5  358.4       173    7.4  329.1
 40    5.6   315.9      107   11.5  357.2       174    7.2  329.3
 41    5.7   315.7      108   11.6  356.1       175    6.9  330.3
 42    5.8   315.5      109   11.6  355.0       176    6.9  330.6
 43    5.9   317.0      110   11.4  354.6       177    6.9  330.6
 44    5.9   318.8      111   11.3  354.0       178    6.8  330.7
 45    6.2   320.0      112   11.2  353.6       179    6.8  330.7
 46    6.4   319.7      113   11.2  353.7       180    6.8  330.8
 47    6.5   316.4      114   11.3  354.1       181    6.8  329.4
 48    6.4   313.4      115   11.5  354.7       182    6.7  328.1
 49    6.2   310.5      116   11.5  354.9       183    6.6  326.6
 50    6.1   313.9      117   11.6  354.9       184    6.7  327.8
 51    6.0   317.5      118   11.5  354.7       185    6.7  328.7
 52    5.9   321.0      119   11.5  354.3       186    6.7  328.1
 53    6.0   324.4      120   11.3  353.6       187    6.7  327.0
 54    6.2   327.6      121   11.1  353.1       188    6.8  326.0
 55    6.3   330.6      122   11.0  352.5       189    6.4  325.5
 56    6.6   333.2      123   10.8  351.9       190    6.3  324.4
 57    6.9   335.6      124   10.8  351.7       191    6.1  324.6
 58    7.1   337.8      125   10.7  351.2       192    6.4  324.1
 59    7.3   337.9      126   10.5  350.4       193    5.1  326.2
 60    7.5   338.7      127   10.4  349.7       194    5.2  326.5
 61    7.6   339.9      128   10.3  348.9       195    5.2  326.7
 62    7.7   341.0      129   10.1  349.4       196    5.2  326.9
 63    7.9   342.9      130    9.8  350.1       197    5.1  327.4
 64    8.0   344.4      131    9.7  350.0       198    5.0  328.0
 65    8.1   344.9      132    9.6  349.5       199    5.2  328.1
 66    8.2   346.0      133    9.5  348.9       200    5.5  327.6
```


CAMP SNOWBIRD STATION 323
DATE 20/10/75 TIME 2220(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

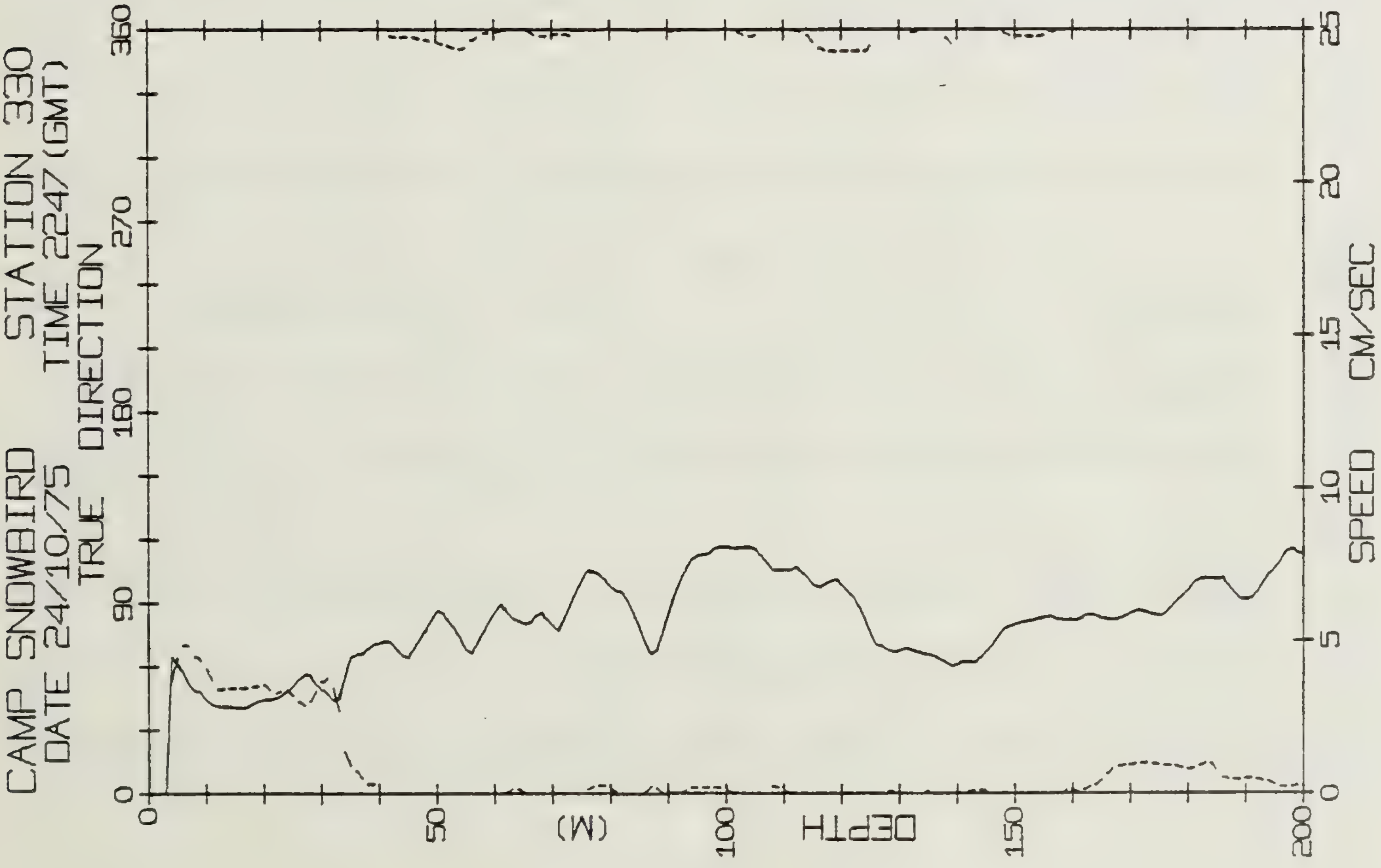

CAMP SNOWBIRD STATION 324
DATE 21/10/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

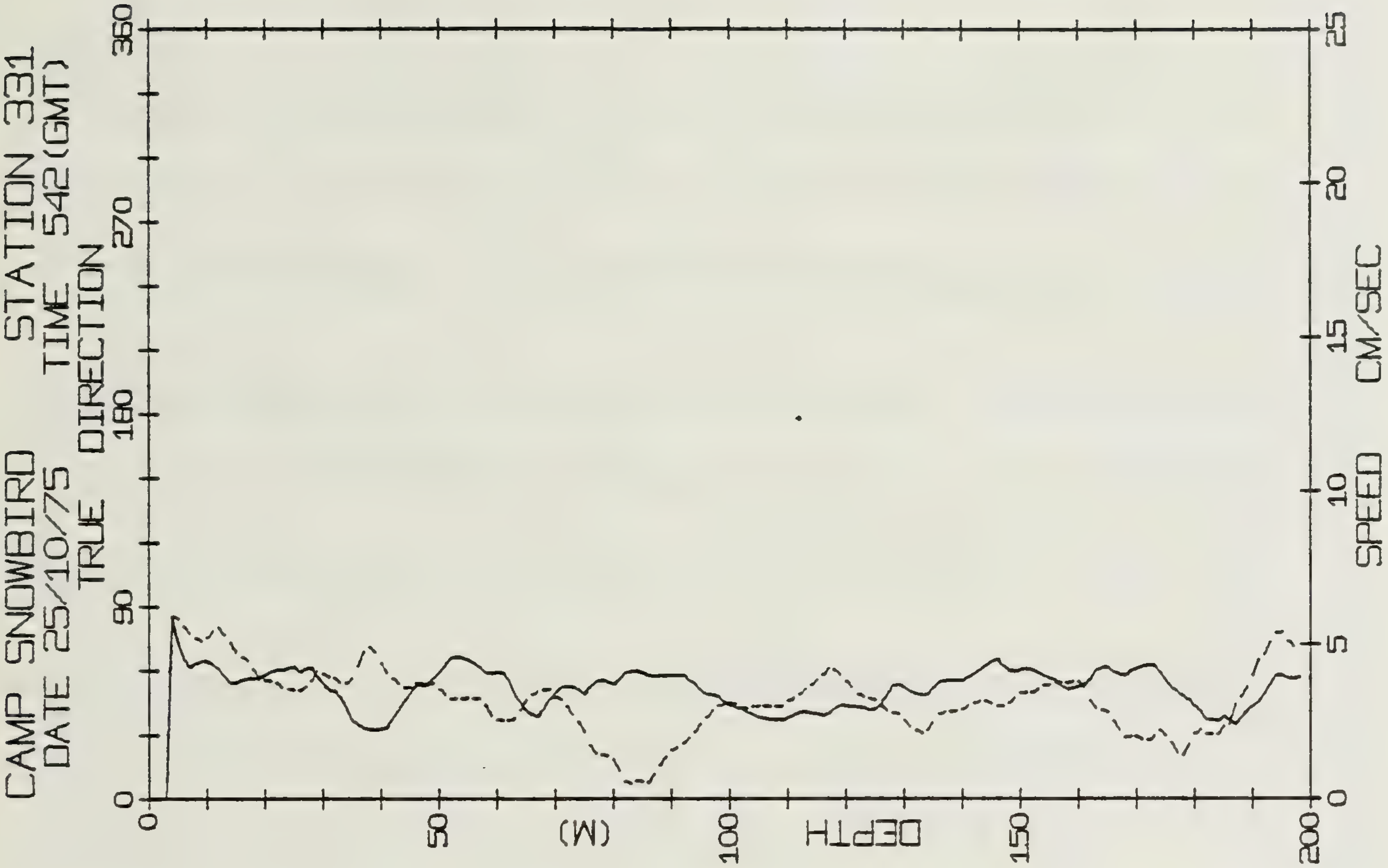
SNOWBIRD STATION 323 (198M.) 20/OCT/75 2220 GMT
LAT= 74.0785N LONG= 143.1297W LTER= 1. LCER= 2.
NIVEL= 1.0 EIVEL= 1.1 NVER= 0. EVER= 0.

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	6.9	40.7	134	7.6	31.0
1	0.0	999.9	68	7.0	40.5	135	7.7	31.1
2	0.0	999.9	69	7.2	40.3	136	7.8	33.4
3	0.0	999.9	70	7.4	40.1	137	7.9	35.7
4	4.0	61.4	71	7.6	39.9	138	8.1	36.4
5	4.0	65.8	72	7.8	38.5	139	7.8	36.7
6	3.9	67.1	73	8.0	37.2	140	7.5	36.9
7	4.0	64.6	74	8.2	34.6	141	7.4	37.1
8	4.0	61.4	75	8.4	31.8	142	7.3	37.2
9	4.0	59.5	76	8.6	28.9	143	7.3	37.3
10	4.0	58.3	77	8.8	28.7	144	7.4	37.5
11	4.1	54.8	78	9.0	28.6	145	7.5	37.4
12	4.1	50.1	79	9.2	28.6	146	7.3	37.4
13	4.1	44.0	80	9.1	28.7	147	7.2	37.4
14	4.1	41.0	81	8.9	28.9	148	7.5	37.2
15	4.0	38.9	82	8.8	28.9	149	7.8	37.0
16	4.0	36.9	83	9.0	28.9	150	8.1	36.1
17	4.0	34.8	84	9.2	28.9	151	8.1	34.3
18	4.0	30.9	85	9.3	28.8	152	7.6	33.1
19	3.9	24.6	86	9.2	28.8	153	7.2	33.3
20	3.8	18.0	87	9.1	28.6	154	6.8	33.6
21	3.6	10.8	88	9.1	28.6	155	6.8	33.6
22	3.3	358.7	89	9.1	29.5	156	7.4	33.4
23	2.9	345.7	90	9.0	31.1	157	7.9	33.1
24	2.6	334.5	91	8.8	32.8	158	8.2	33.0
25	2.4	327.3	92	8.5	33.8	159	8.0	33.2
26	2.2	320.1	93	8.6	31.7	160	7.7	33.3
27	2.1	317.5	94	8.8	29.6	161	7.7	33.4
28	2.1	317.4	95	9.0	27.4	162	7.6	33.4
29	2.4	327.5	96	8.9	28.2	163	7.6	33.4
30	3.0	347.2	97	8.5	29.8	164	7.5	33.5
31	4.0	27.9	98	8.3	31.4	165	7.5	33.6
32	4.1	55.2	99	8.8	32.7	166	7.4	33.7
33	4.0	67.3	100	9.2	34.0	167	7.3	33.7
34	3.8	79.6	101	8.9	35.6	168	7.1	33.8
35	3.7	82.3	102	8.6	35.7	169	6.8	33.8
36	3.6	85.9	103	8.8	34.5	170	6.9	33.7
37	3.6	85.7	104	8.9	32.5	171	6.9	33.6
38	3.6	85.5	105	8.9	30.5	172	6.9	33.6
39	3.6	85.4	106	8.8	29.1	173	6.9	33.5
40	3.7	85.3	107	8.4	29.5	174	7.0	33.4
41	3.7	85.2	108	8.1	29.8	175	7.0	33.3
42	3.7	82.2	109	8.2	29.8	176	7.0	33.3
43	3.8	78.7	110	8.3	29.4	177	6.9	33.2
44	3.9	75.1	111	8.4	29.0	178	6.8	33.2
45	3.9	72.0	112	8.2	28.9	179	6.7	33.1
46	4.0	70.3	113	8.6	28.3	180	6.7	33.2
47	4.0	68.9	114	9.0	27.9	181	6.7	33.1
48	4.0	66.1	115	8.8	27.7	182	6.8	33.4
49	4.1	62.8	116	8.6	27.7	183	6.8	33.5
50	4.1	59.4	117	8.5	27.9	184	6.8	33.7
51	4.4	57.6	118	8.3	28.0	185	6.9	33.9
52	5.0	57.8	119	7.9	28.4	186	6.8	35.2
53	5.3	60.0	120	8.1	28.3	187	6.7	36.8
54	5.5	62.3	121	8.4	28.3	188	6.6	38.3
55	5.7	64.5	122	8.2	29.6	189	6.5	38.4
56	5.8	61.9	123	8.2	31.2	190	6.4	38.5
57	6.0	59.2	124	8.5	32.7	191	6.4	38.6
58	6.0	56.4	125	8.4	34.3	192	6.4	38.6
59	5.8	53.6	126	8.1	35.9	193	6.3	38.7
60	5.5	50.8	127	7.9	36.6	194	6.3	38.8
61	5.5	49.9	128	8.0	37.3	195	6.2	39.0
62	5.7	49.5	129	8.3	37.8	196	5.9	38.9
63	6.0	47.3	130	8.2	35.6	197	5.7	38.9
64	6.3	44.7	131	8.2	33.3	198	5.4	38.9
65	6.6	42.1	132	8.0	31.2			
66	6.7	41.0	133	7.7	30.8			

SNOWBIRD STATION 324 (200M.) 21/OCT/75 542 GMT
LAT= 74.0810N LONG= 143.1480W LTER= 0. LGER= 1.
NIVEL= 0.3 EIVEL= -3.0 NVER= 0. EVER= 0.

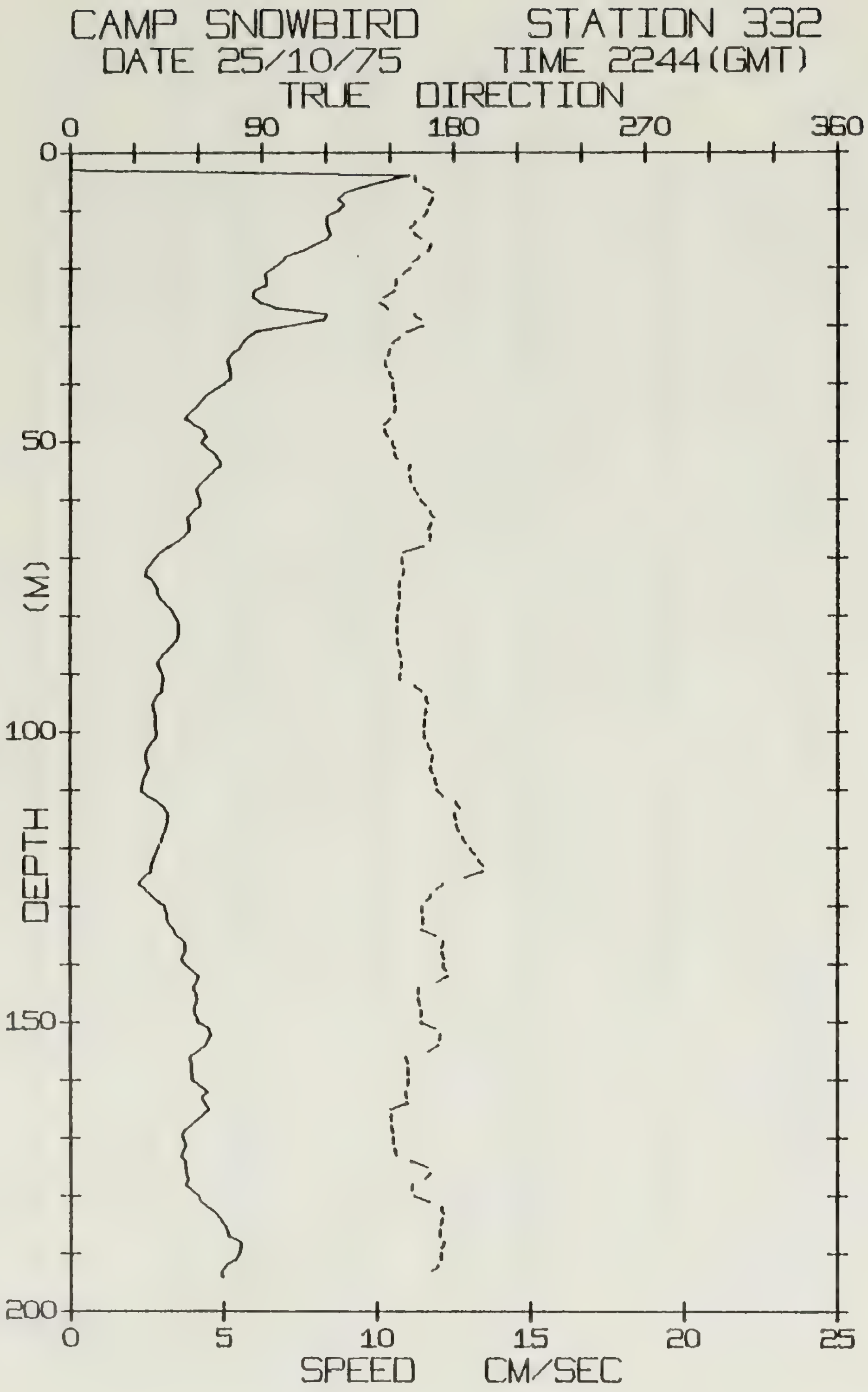
DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	10.1	155.1	134	14.4	244.4
1	0.0	999.9	68	10.7	160.1	135	14.2	244.6
2	0.0	999.9	69	11.1	164.8	136	14.0	244.8
3	0.0	999.9	70	11.6	170.0	137	14.0	244.5
4	2.4	305.8	71	12.0	174.3	138	14.1	246.9
5	2.5	301.5	72	12.0	177.3	139	13.9	247.0
6	2.6	294.8	73	12.2	180.0	140	13.6	248.3
7	2.8	279.6	74	13.0	186.2	141	13.2	250.7
8	3.2	273.4	75	13.2	191.1	142	12.9	251.8
9	4.0	270.9	76	12.9	194.7	143	12.6	252.0
10	4.6	274.3	77	12.5	199.1	144	12.4	253.2
11	4.7	276.7	78	11.8	203.0	145	12.1	254.2
12	4.8	282.9	79	11.3	205.6	146	11.9	254.3
13	4.9	295.1	80	10.8	207.1	147	11.4	254.7
14	4.4	303.7	81	10.7	208.1	148	10.8	258.1
15	3.3	306.6	82	10.8	208.6	149	10.4	260.9
16	2.6	316.0	83	10.9	208.6	150	10.0	262.5
17	1.9	321.9	84	11.3	208.6	151	9.8	263.0
18	1.6	320.6	85	12.0	210.2	152	9.7	263.5
19	1.2	319.8	86	12.9	212.4	153	9.4	264.7
20	0.8	310.5	87	13.0	213.2	154	9.3	265.9
21	0.6	295.3	88	12.8	212.9	155	9.4	265.3
22	0.6	294.1	89	13.0	212.5	156	9.3	263.4
23	0.7	303.9	90	13.3	212.6	157	9.0	264.1
24	0.9	316.6	91	13.3	212.2	158	8.9	266.0
25	1.2	327.0	92	13.3	212.3	159	8.8	268.0
26	1.9	333.5	93	13.4	212.8	160	8.7	268.6
27	2.4	332.3	94	13.4	213.2	161	8.7	268.6
28	2.6	331.1	95	13.8	215.5	162	8.6	268.6
29	2.7	329.7	96	14.3	217.7	163	8.4	271.1
30	3.0	327.3	97	14.4	218.4	164	8.3	272.9
31	3.4	323.7	98	14.3	218.5	165	8.2	272.7
32	3.7	320.7	99	14.2	218.5	166	8.1	271.5
33	4.0	318.3	100	14.0	218.4	167	8.0	269.5
34	4.1	317.4	101	13.9	218.3	168	7.9	267.8
35	4.1	317.6	102	13.8	218.5	169	7.8	266.9
36	4.1	318.5	103	14.1	219.1	170	7.7	267.6
37	4.0	319.6	104	14.3	219.4	171	7.5	270.1
38	3.9	319.6	105	14.2	218.5	172	7.4	274.2
39	4.0	319.6	106	14.0	216.8	173	7.3	277.0
40	4.1	319.8	107	14.1	216.7	174	7.1	277.3
41	4.0	321.4	108	14.1	216.6	175	6.8	278.8
42	3.7	323.8	109	14.1	216.6	176	6.7	281.8
43	3.4	322.8	110	14.0	216.5	177	6.6	286.5
44	3.0	319.8	111	14.1	215.4	178	6.8	289.3
45	2.7	320.8	112	14.4	213.2	179	7.1	290.3
46	2.4	323.4	113	14.3	212.7	180	7.1	289.3
47	2.0	335.7	114	14.3	212.7	181	6.9	289.5
48	1.5	343.0	115	14.2	212.7	182	6.7	291.6
49	1.1	358.1	116	14.3	212.9	183	6.7	295.3
50	0.7	15.2	117	14.4	212.9	184	6.8	301.2
51	0.5	43.3	118	14.6	212.9	185	6.9	298.1
52	0.5	79.2	119	14.6	212.6	186	7.1	292.5
53	0.7	100.7	120	14.5	212.8	187	7.1	289.9
54	1.0	106.2	121	14.6	214.8	188	7.2	289.8
55	1.4	106.2	122	14.6	217.6	189	7.1	291.4
56	1.8	104.0	123	14.8	220.9	190	7.1	291.4
57	2.3	102.0	124	14.9	223.6	191	7.0	289.4
58	2.8	101.3	125	15.1	226.2	192	7.0	286.6
59	3.3	101.6	126	15.2	228.6	193	7.0	282.6
60	3.8	102.5	127	15.4	231.3	194	6.8	276.9
61	4.5	106.7	128	15.5	234.1	195	6.6	275.6
62	5.2	113.4	129	15.5	238.8	196	6.3	275.4
63	6.2	122.4	130	15.5	241.7	197	6.0	275.6
64	7.3	131.6	131	15.3	243.4	198	5.9	274.8
65	8.4	140.8	132	15.0	244.1	199	6.0	270.9
66	9.3	148.2	133	14.7	244.2	200	6.2	264.7

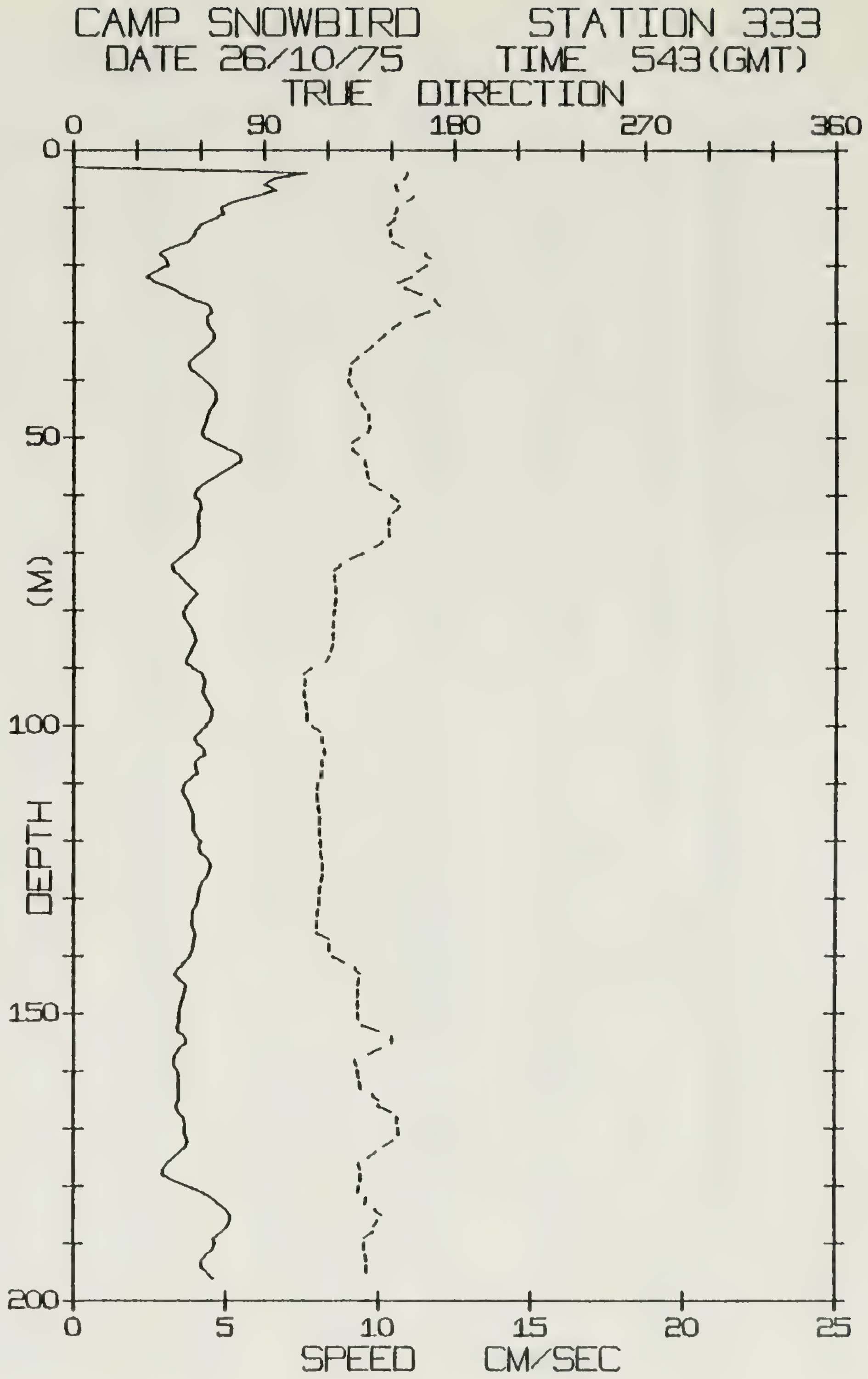

CAMP SNOWBIRD STATION 330
DATE 24/10/75 TIME 2247(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 331
DATE 25/10/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 330     (200M.)       24/OCT/75       2247 GMT
LAT= 74.1798N  LONG= 143.5879W  LTER=      1.   LGER=      2.
NIVEL=   6.3   EIVEL=    4.8    NVER=      0.   EVER=      0.

 DPT    SPD     DRN     DPT    SPD     DRN     DPT    SPD     DRN
   0    0.0   999.9      67    5.8   357.3     134    4.6     0.5
   1    0.0   999.9      68    6.0   356.8     135    4.5     1.6
   2    0.0   999.9      69    5.7   356.9     136    4.5     1.9
   3    0.0   999.9      70    5.5   357.7     137    4.4   359.0
   4    4.5    53.5      71    5.3   358.3     138    4.3   356.1
   5    4.2    63.8      72    5.8   357.5     139    4.2   353.5
   6    4.0    70.0      73    6.2   357.2     140    4.2   357.1
   7    3.6    69.4      74    6.6   358.4     141    4.3     0.9
   8    3.4    64.7      75    7.0     0.3     142    4.3     1.4
   9    3.3    63.1      76    7.3     2.3     143    4.3     1.7
  10    3.1    58.9      77    7.3     3.5     144    4.5     2.0
  11    2.9    53.8      78    7.2     4.1     145    4.7     1.0
  12    2.8    49.6      79    7.0     3.5     146    4.9     0.1
  13    2.8    49.8      80    6.8     2.1     147    5.1   359.1
  14    2.8    49.9      81    6.6     0.7     148    5.4   358.4
  15    2.8    49.9      82    6.6     0.3     149    5.5   357.3
  16    2.8    50.3      83    6.3   359.9     150    5.6   356.9
  17    2.8    50.2      84    5.9   359.5     151    5.6   357.1
  18    2.9    50.9      85    5.5   359.5     152    5.7   357.0
  19    3.0    51.4      86    4.9     0.9     153    5.7   356.7
  20    3.1    51.4      87    4.6     3.3     154    5.7   357.0
  21    3.1    49.4      88    4.7     2.3     155    5.8   357.8
  22    3.1    47.5      89    5.3     0.3     156    5.8   359.3
  23    3.2    48.4      90    5.9   359.4     157    5.7   359.3
  24    3.4    48.9      91    6.5   359.9     158    5.7     0.1
  25    3.5    46.4      92    6.9     0.4     159    5.7     1.7
  26    3.7    43.5      93    7.4     1.6     160    5.7     1.6
  27    3.9    41.7      94    7.7     2.9     161    5.7     0.4
  28    3.9    43.4      95    7.8     3.2     162    5.8     2.0
  29    3.6    48.2      96    7.9     2.9     163    5.9     3.5
  30    3.4    52.8      97    7.9     2.9     164    5.8     4.3
  31    3.3    54.7      98    8.1     3.0     165    5.7     6.3
  32    3.0    50.2      99    8.1     2.6     166    5.7     9.2
  33    3.1    39.2     100    8.1     1.6     167    5.7    12.0
  34    3.8    19.5     101    8.0     0.3     168    5.7    13.0
  35    4.5    13.5     102    8.1   358.7     169    5.8    13.4
  36    4.6    10.9     103    8.1   357.5     170    5.9    13.7
  37    4.6     7.7     104    8.1   356.9     171    6.0    14.1
  38    4.7     4.6     105    8.0   357.5     172    6.0    14.5
  39    4.9     4.5     106    7.8   359.8     173    5.9    14.1
  40    5.0     3.2     107    7.6     2.0     174    5.8    13.8
  41    5.0   359.8     108    7.3     3.3     175    5.8    13.2
  42    4.9   356.8     109    7.3     2.6     176    5.9    13.1
  43    4.7   356.4     110    7.3     1.3     177    6.1    12.9
  44    4.5   356.6     111    7.3     0.3     178    6.3    12.7
  45    4.5   357.2     112    7.4   359.6     179    6.5    11.7
  46    4.8   356.3     113    7.3   359.2     180    6.7    11.2
  47    5.1   355.4     114    7.1   357.6     181    6.9    12.1
  48    5.4   354.9     115    6.8   354.4     182    7.0    13.2
  49    5.7   354.7     116    6.8   351.7     183    7.0    14.3
  50    6.0   354.0     117    6.9   350.3     184    7.0    13.8
  51    5.9   353.1     118    7.0   349.5     185    7.0    10.7
  52    5.6   352.2     119    7.0   349.5     186    7.1     7.4
  53    5.4   351.3     120    6.8   349.8     187    6.8     6.5
  54    5.1   350.9     121    6.6   350.1     188    6.6     6.2
  55    4.7   351.9     122    6.4   349.9     189    6.4     6.6
  56    4.6   354.8     123    6.1   349.8     190    6.4     7.1
  57    4.9   356.6     124    5.7   349.9     191    6.4     7.3
  58    5.3   358.3     125    5.2   352.8     192    6.6     6.6
  59    5.7   358.8     126    4.9   356.9     193    6.9     6.0
  60    6.0   359.1     127    4.8     1.1     194    7.2     5.3
  61    6.2   359.8     128    4.7     1.4     195    7.4     4.1
  62    6.0     0.7     129    4.6     0.7     196    7.6     3.1
  63    5.8     2.2     130    4.7     0.7     197    8.0     2.8
  64    5.7     2.2     131    4.8   359.5     198    8.0     3.4
  65    5.6     0.6     132    4.7   358.7     199    7.9     4.1
  66    5.6   358.9     133    4.6   359.5     200    7.8     5.4
```

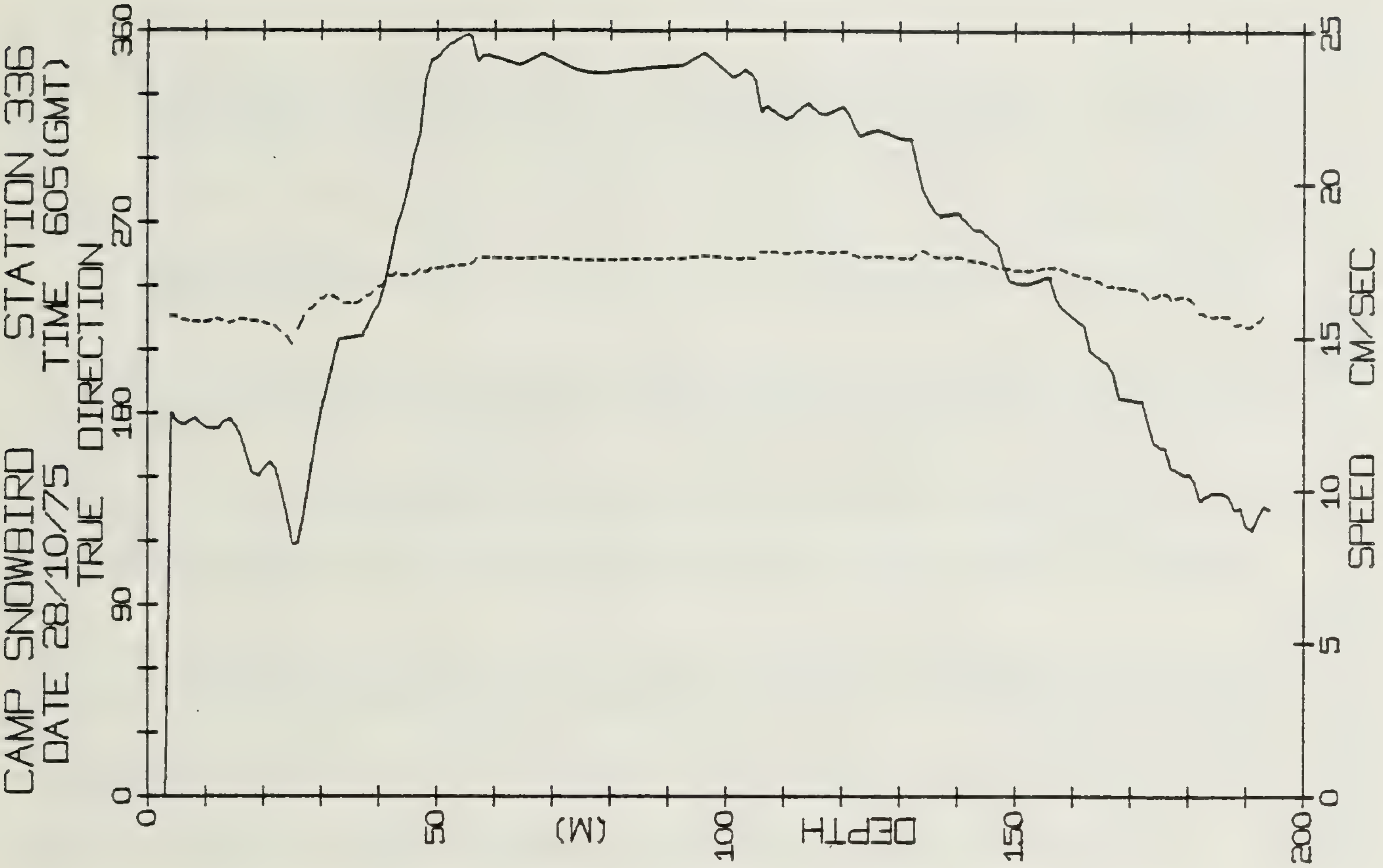
```
SNOWBIRD STATION 331     (198M.)       25/OCT/75        542 GMT
LAT= 74.1829N  LONG= 143.5475W  LTER=      0.   LGER=      0.
NIVEL=   3.0   EIVEL=    9.2    NVER=      0.   EVER=      0

 DPT    SPD     DRN     DPT    SPD     DRN     DPT    SPD     DRN
   0    0.0   999.9      67    2.7    50.7     134    3.4    32.4
   1    0.0   999.9      68    2.9    51.3     135    3.6    36.3
   2    0.0   999.9      69    3.3    51.8     136    3.8    39.8
   3    0.0   999.9      70    3.5    48.0     137    3.9    41.0
   4    5.9    85.5      71    3.6    46.6     138    3.9    41.0
   5    5.1    84.3      72    3.6    43.3     139    3.8    41.4
   6    4.5    80.8      73    3.6    39.2     140    3.9    42.2
   7    4.3    77.6      74    3.5    36.3     141    4.0    43.5
   8    4.4    75.3      75    3.4    31.6     142    4.1    44.7
   9    4.5    73.9      76    3.6    25.2     143    4.2    46.0
  10    4.5    75.7      77    3.8    21.3     144    4.3    45.7
  11    4.3    78.4      78    3.9    20.4     145    4.5    44.3
  12    4.2    80.1      79    3.8    20.2     146    4.6    43.5
  13    4.0    76.9      80    3.7    18.2     147    4.3    43.4
  14    3.8    72.9      81    3.9    13.4     148    4.2    44.8
  15    3.8    68.8      82    4.1     8.4     149    4.1    47.5
  16    3.9    66.4      83    4.2     7.0     150    4.2    49.6
  17    3.9    64.8      84    4.1     8.6     151    4.2    50.2
  18    3.9    60.7      85    4.1     8.0     152    4.2    50.1
  19    3.9    56.5      86    4.0     7.3     153    4.1    51.4
  20    4.0    55.7      87    4.0    11.6     154    4.0    53.0
  21    4.1    55.1      88    4.0    15.8     155    3.9    53.8
  22    4.2    54.2      89    4.0    19.9     156    3.9    54.8
  23    4.2    52.3      90    4.0    22.8     157    3.7    54.4
  24    4.3    51.6      91    4.0    24.5     158    3.5    54.7
  25    4.3    51.2      92    4.0    26.1     159    3.6    55.1
  26    4.1    50.8      93    3.9    28.6     160    3.7    55.0
  27    4.2    52.7      94    3.7    31.3     161    3.7    52.4
  28    4.3    55.4      95    3.5    35.2     162    3.9    46.0
  29    4.0    59.6      96    3.4    38.2     163    4.2    42.3
  30    3.8    58.5      97    3.4    40.9     164    4.3    41.4
  31    3.6    57.1      98    3.3    43.8     165    4.2    40.4
  32    3.5    56.5      99    3.1    44.7     166    4.1    36.5
  33    3.3    54.4     100    3.0    44.7     167    4.0    32.4
  34    3.0    54.4     101    3.0    44.3     168    4.0    29.1
  35    2.5    56.4     102    2.9    42.8     169    4.2    29.5
  36    2.4    62.2     103    2.8    42.2     170    4.3    29.0
  37    2.3    68.8     104    2.7    43.1     171    4.3    27.6
  38    2.2    70.9     105    2.6    43.6     172    4.4    27.5
  39    2.3    68.7     106    2.6    43.5     173    4.3    29.3
  40    2.3    63.8     107    2.6    43.3     174    4.1    32.0
  41    2.3    59.0     108    2.5    43.2     175    3.8    29.8
  42    2.6    56.4     109    2.5    43.7     176    3.6    26.4
  43    2.9    54.3     110    2.6    45.8     177    3.5    21.9
  44    3.2    52.5     111    2.7    47.5     178    3.3    20.5
  45    3.4    52.2     112    2.8    49.2     179    3.2    25.4
  46    3.7    54.2     113    2.8    51.5     180    3.0    30.5
  47    3.7    54.2     114    2.8    53.5     181    2.8    32.5
  48    3.7    54.2     115    2.7    55.9     182    2.6    30.5
  49    3.9    54.5     116    2.7    58.3     183    2.5    30.1
  50    4.1    51.6     117    2.8    61.0     184    2.5    30.2
  51    4.3    49.3     118    2.9    60.6     185    2.7    33.9
  52    4.6    47.1     119    3.0    58.3     186    2.5    35.1
  53    4.6    47.1     120    3.0    55.4     187    2.4    44.0
  54    4.6    47.3     121    3.0    52.4     188    2.6    48.2
  55    4.5    47.5     122    3.0    49.4     189    2.9    52.1
  56    4.4    47.1     123    2.9    47.9     190    3.0    58.0
  57    4.3    47.3     124    2.9    47.0     191    3.2    65.3
  58    4.1    43.8     125    2.9    46.2     192    3.4    67.8
  59    4.1    39.0     126    3.1    43.7     193    3.7    73.1
  60    4.1    37.2     127    3.4    41.5     194    4.0    78.0
  61    4.1    36.4     128    3.7    40.3     195    4.0    78.2
  62    3.9    36.8     129    3.7    39.6     196    3.9    73.8
  63    3.4    37.8     130    3.6    36.8     197    3.9    71.5
  64    3.1    41.5     131    3.5    34.0     198    4.0    69.2
  65    2.9    46.2     132    3.4    32.1
  66    2.7    49.1     133    3.4    30.8
```

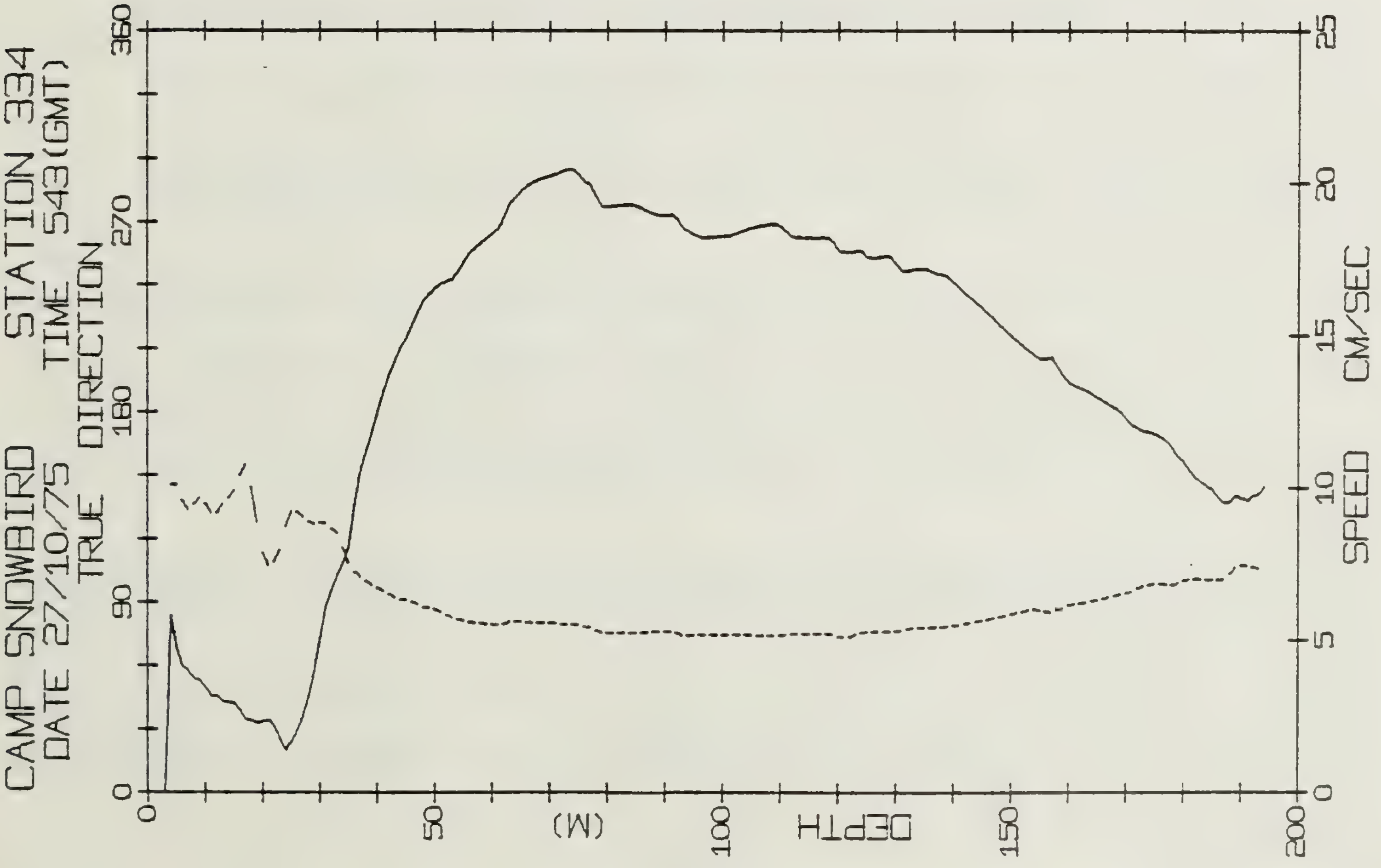

CAMP SNOWBIRD STATION 332
DATE 25/10/75 TIME 2244(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 333
DATE 26/10/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 332     (194M.)      25/OCT/75      2244 GMT
LAT= 74.1600N  LONG= 143.3830W  LTER=     0.   LGER=      0.
NIVEL= -13.0   EIVEL=    8.8    NVER=     0    EVER=      0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0   999.9      67    3.6   169.1     134    3.4   164.9
  1    0.0   999.9      68    3.3   166.0     135    3.5   171.8
  2    0.0   999.9      69    2.9   156.9     136    3.7   175.2
  3    0.0   999.9      70    2.8   155.9     137    3.8   174.5
  4   11.1   162.1      71    2.6   156.4     138    3.7   174.7
  5   10.2   162.3      72    2.5   156.9     139    3.6   175.7
  6    9.5   165.9      73    2.4   156.4     140    3.7   175.0
  7    8.9   170.3      74    2.7   154.8     141    4.0   176.4
  8    8.7   169.9      75    2.8   154.6     142    4.2   177.3
  9    8.9   168.3      76    2.8   154.9     143    4.1   172.2
 10    8.8   167.7      77    2.9   155.1     144    4.0   163.9
 11    8.4   166.0      78    3.1   154.4     145    4.1   163.6
 12    8.3   162.1      79    3.3   153.9     146    4.1   163.8
 13    8.4   159.7      80    3.4   153.7     147    4.1   164.4
 14    8.5   161.7      81    3.5   153.6     148    4.0   164.9
 15    8.4   164.8      82    3.5   153.7     149    4.1   164.8
 16    8.0   169.3      83    3.5   153.6     150    4.2   164.7
 17    7.6   167.9      84    3.5   153.7     151    4.5   171.1
 18    7.0   163.8      85    3.3   154.3     152    4.6   173.7
 19    6.9   161.1      86    3.2   154.9     153    4.5   173.1
 20    6.6   159.6      87    3.0   155.7     154    4.4   172.4
 21    6.3   156.3      88    2.9   156.0     155    4.2   168.4
 22    6.4   153.2      89    2.9   155.5     156    3.9   157.6
 23    6.4   152.5      90    3.0   155.0     157    3.9   158.7
 24    6.0   151.9      91    3.0   155.0     158    4.0   158.8
 25    5.9   147.4      92    3.0   162.0     159    4.0   158.9
 26    6.2   145.5      93    3.0   165.3     160    4.0   158.8
 27    6.7   149.3      94    2.8   167.1     161    4.2   158.1
 28    8.4   161.8      95    2.7   168.0     162    4.5   157.5
 29    8.3   164.7      96    2.7   167.2     163    4.3   158.2
 30    7.2   165.6      97    2.8   166.8     164    4.4   157.8
 31    6.1   158.3      98    2.8   166.5     165    4.5   150.5
 32    5.8   154.8      99    2.8   166.3     166    4.3   150.5
 33    5.6   151.1     100    2.8   166.5     167    4.1   150.7
 34    5.5   149.9     101    2.8   166.8     168    3.9   151.1
 35    5.3   149.2     102    2.6   168.0     169    3.7   151.5
 36    5.1   148.0     103    2.5   169.6     170    3.7   151.8
 37    5.2   148.5     104    2.4   170.2     171    3.8   151.9
 38    5.2   149.9     105    2.5   169.6     172    3.7   152.6
 39    5.2   151.5     106    2.6   169.2     173    3.6   153.4
 40    5.0   151.7     107    2.5   170.3     174    3.8   160.2
 41    4.7   152.1     108    2.4   171.4     175    3.8   168.1
 42    4.4   152.4     109    2.4   172.3     176    3.8   168.9
 43    4.3   152.8     110    2.3   172.8     177    3.8   166.7
 44    4.1   153.1     111    2.5   175.4     178    3.8   160.9
 45    3.9   151.8     112    2.8   181.4     179    4.0   160.5
 46    3.7   150.1     113    3.1   183.2     180    4.2   161.5
 47    4.0   147.5     114    3.2   181.1     181    4.3   168.6
 48    4.3   147.8     115    3.2   181.4     182    4.5   174.2
 49    4.5   149.1     116    3.1   181.9     183    4.7   175.6
 50    4.3   151.1     117    3.1   182.9     184    4.9   174.6
 51    4.4   152.3     118    3.0   184.5     185    5.0   173.6
 52    4.7   152.6     119    2.9   186.2     186    5.1   173.2
 53    4.8   154.1     120    2.8   188.0     187    5.2   173.2
 54    4.9   159.8     121    2.8   190.0     188    5.6   175.5
 55    4.7   159.2     122    2.7   191.9     189    5.6   174.1
 56    4.5   159.8     123    2.6   194.2     190    5.5   173.9
 57    4.3   160.3     124    2.6   193.7     191    5.4   174.4
 58    4.1   161.7     125    2.4   185.7     192    5.1   172.8
 59    4.2   163.3     126    2.2   175.2     193    4.9   169.9
 60    4.3   164.7     127    2.4   172.3     194    5.0   169.5
 61    4.2   167.3     128    2.6   169.7
 62    4.0   169.0     129    2.8   167.5
 63    3.8   170.7     130    3.1   165.4
 64    3.9   169.4     131    3.2   165.1
 65    3.9   168.4     132    3.2   165.8
 66    3.8   169.3     133    3.3   165.7
```

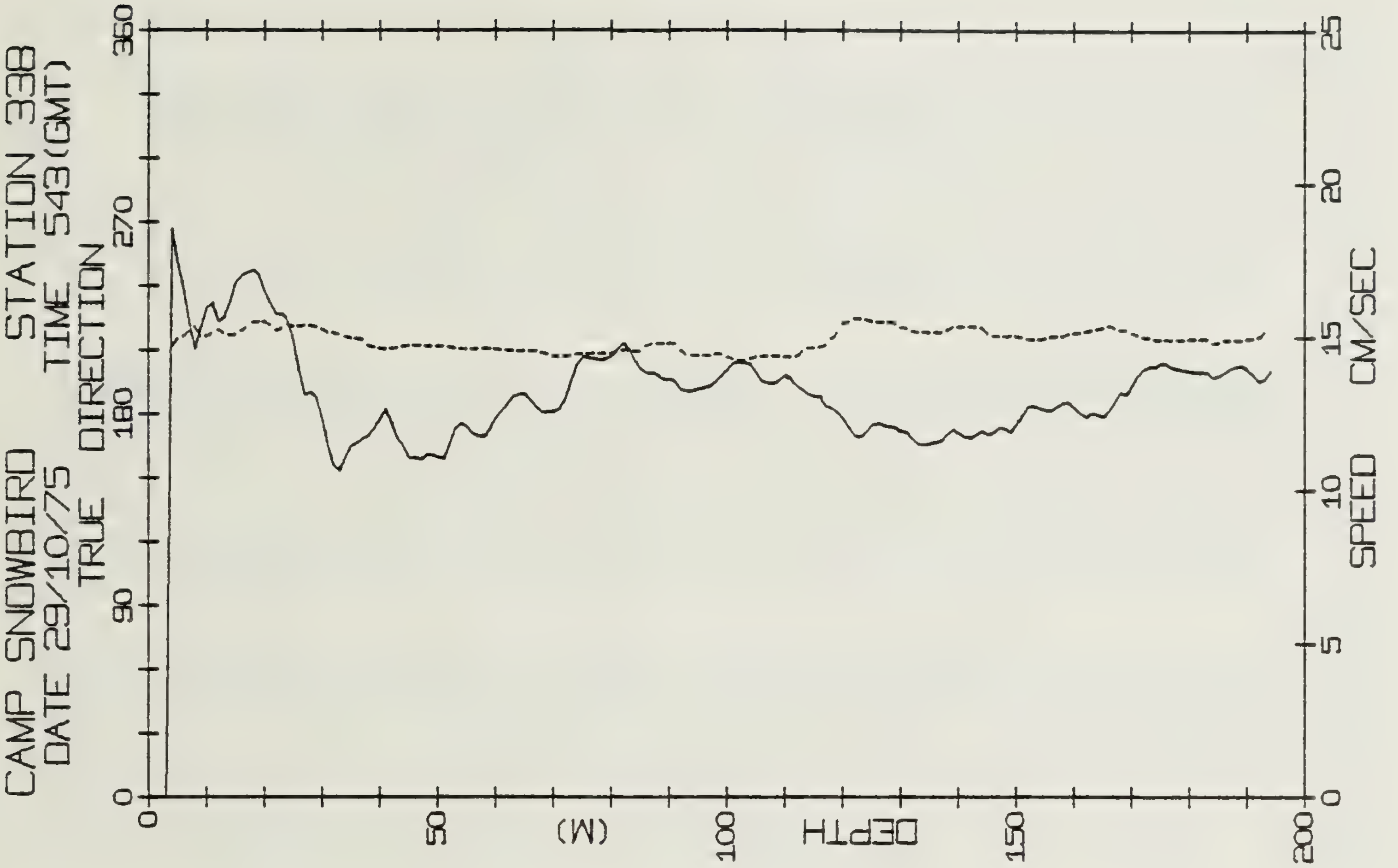
```
SNOWBIRD STATION 333     (196M.)      26/OCT/75       543 GMT
LAT= 74.1333N  LONG= 143.3080W  LTER=     0.   LGER=      0.
NIVEL=  -8.7   EIVEL=   10.4    NVER=     0    EVER=      0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0   999.9      67    4.1   149.1     134    3.9   114.8
  1    0.0   999.9      68    4.0   146.0     135    3.9   114.9
  2    0.0   999.9      69    3.9   142.2     136    4.0   115.1
  3    0.0   999.9      70    3.7   136.6     137    3.9   120.6
  4    7.6   157.4      71    3.4   130.8     138    3.9   120.7
  5    6.6   156.0      72    3.2   126.2     139    3.9   120.7
  6    6.2   152.1      73    3.3   123.2     140    3.8   122.6
  7    6.6   153.1      74    3.5   123.5     141    3.6   127.7
  8    6.0   160.2      75    3.7   123.8     142    3.5   133.1
  9    5.3   157.3      76    3.9   124.0     143    3.3   135.3
 10    4.8   152.8      77    4.0   124.1     144    3.5   134.8
 11    4.9   151.6      78    3.9   123.7     145    3.7   134.2
 12    4.6   151.6      79    3.7   123.5     146    3.6   134.3
 13    4.1   148.1      80    3.6   123.0     147    3.6   134.3
 14    4.0   149.4      81    3.6   122.7     148    3.5   134.4
 15    3.9   149.7      82    3.7   122.7     149    3.5   134.5
 16    3.7   150.7      83    3.9   122.8     150    3.5   134.7
 17    3.2   155.6      84    3.9   122.6     151    3.5   134.8
 18    2.8   165.8      85    4.0   122.5     152    3.4   136.5
 19    3.0   168.7      86    3.9   121.8     153    3.4   144.2
 20    3.1   166.5      87    3.8   121.2     154    3.7   150.7
 21    2.7   162.5      88    3.7   120.3     155    3.7   150.5
 22    2.4   159.8      89    3.7   118.8     156    3.5   145.4
 23    2.6   153.2      90    3.9   112.2     157    3.4   139.6
 24    3.2   156.3      91    4.2   108.7     158    3.3   133.3
 25    3.5   163.9      92    4.3   109.3     159    3.3   134.2
 26    3.9   170.4      93    4.3   109.1     160    3.4   134.5
 27    4.4   172.7      94    4.2   108.9     161    3.5   135.1
 28    4.5   167.8      95    4.3   109.3     162    3.4   135.6
 29    4.4   160.8      96    4.4   109.9     163    3.4   136.2
 30    4.4   154.2      97    4.5   110.5     164    3.5   141.4
 31    4.5   150.4      98    4.5   110.4     165    3.4   144.1
 32    4.6   146.9      99    4.5   110.4     166    3.4   143.9
 33    4.6   143.9     100    4.3   112.6     167    3.4   150.0
 34    4.4   141.1     101    4.1   116.7     168    3.6   153.0
 35    4.2   138.0     102    4.0   117.5     169    3.7   153.2
 36    4.0   134.3     103    4.1   117.9     170    3.6   153.9
 37    3.8   131.1     104    4.3   118.8     171    3.7   153.6
 38    3.8   130.5     105    4.3   118.8     172    3.8   151.1
 39    4.1   130.0     106    4.0   117.5     173    3.7   147.0
 40    4.3   129.6     107    4.0   117.3     174    3.5   143.2
 41    4.5   131.3     108    4.1   117.5     175    3.3   139.2
 42    4.6   133.0     109    3.9   116.6     176    3.1   135.0
 43    4.7   134.5     110    3.7   115.4     177    2.9   135.7
 44    4.6   136.0     111    3.6   114.9     178    2.9   135.9
 45    4.5   137.8     112    3.6   115.0     179    3.3   135.6
 46    4.4   139.3     113    3.8   115.7     180    3.8   134.9
 47    4.3   139.6     114    3.8   116.0     181    4.2   134.3
 48    4.3   139.9     115    3.9   116.3     182    4.5   138.0
 49    4.2   138.6     116    3.9   116.3     183    4.8   137.9
 50    4.3   134.6     117    3.9   116.2     184    5.0   142.7
 51    4.7   130.9     118    3.9   116.2     185    5.1   145.3
 52    5.1   131.8     119    4.0   116.4     186    5.1   143.6
 53    5.5   134.5     120    4.2   116.9     187    5.1   141.8
 54    5.5   137.4     121    4.1   116.6     188    4.9   141.4
 55    5.2   138.4     122    4.2   116.9     189    4.6   137.6
 56    4.9   138.8     123    4.4   117.5     190    4.6   137.2
 57    4.6   139.4     124    4.5   118.0     191    4.6   137.5
 58    4.3   140.1     125    4.5   117.8     192    4.3   138.2
 59    4.0   144.7     126    4.4   117.5     193    4.2   138.8
 60    3.9   150.0     127    4.2   116.9     194    4.2   138.8
 61    4.1   153.5     128    4.1   116.4     195    4.4   138.3
 62    4.2   153.8     129    4.1   116.2     196    4.6   137.9
 63    4.1   150.9     130    4.1   115.9
 64    4.1   148.9     131    4.0   115.8
 65    4.1   148.8     132    3.9   115.1
 66    4.1   149.0     133    3.9   114.8
```

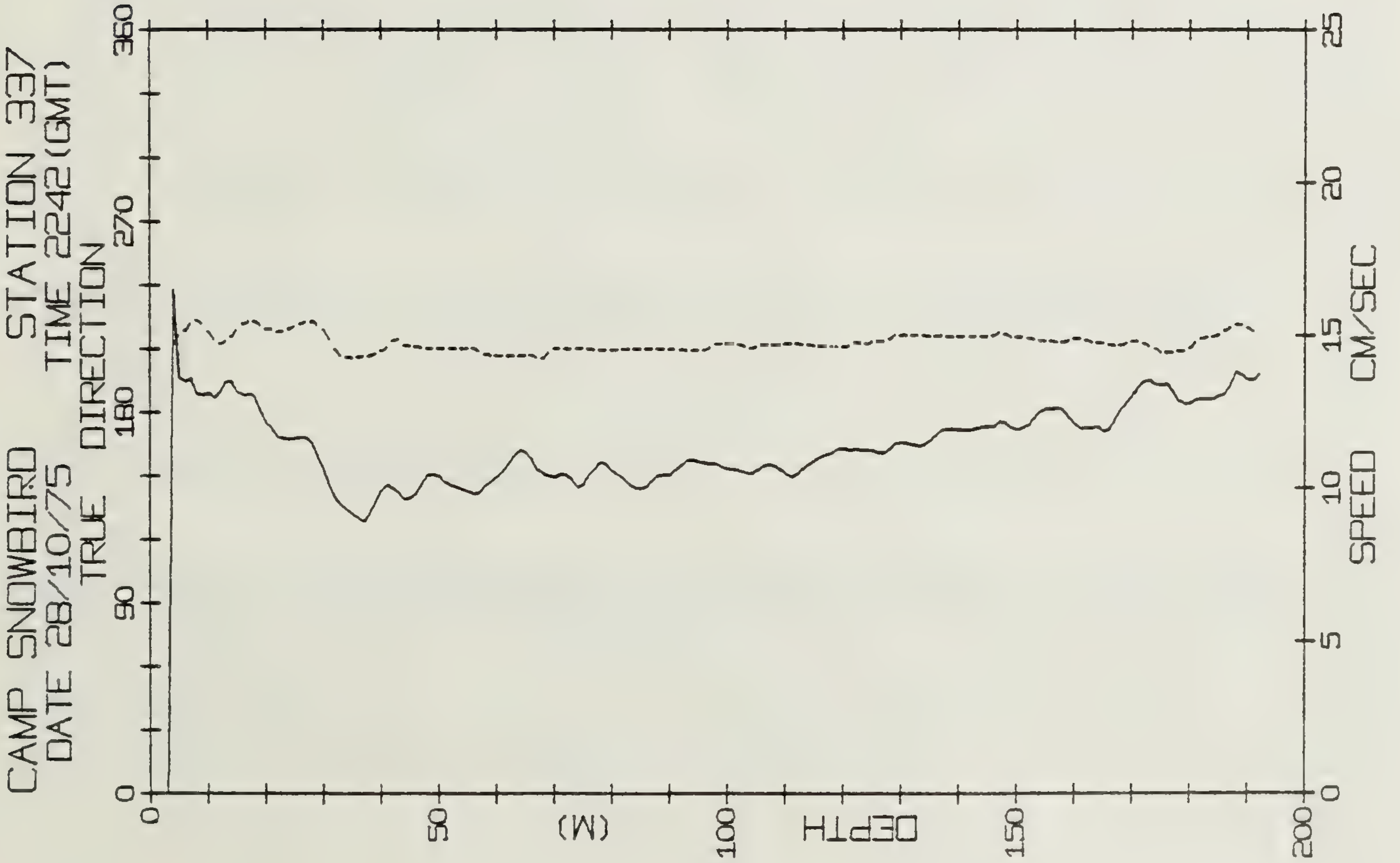

CAMP SNOWBIRD STATION 336
DATE 28/10/75 TIME 605(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 334
DATE 27/10/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 334     (194M.)      27/OCT/75        543 GMT
LAT= 74.0532N  LONG= 142.9713W  LTER=     1    LGER=     1.
NIVEL=  -6.0   EIVEL=    8.1    NVER=     0.   EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   20.0    80.4       134   17.2    78.0
  1    0.0   999.9        68   20.1    80.3       135   17.2    78.0
  2    0.0   999.9        69   20.2    80.1       136   17.1    78.2
  3    0.0   999.9        70   20.3    80.0       137   17.0    78.5
  4    5.8   145.4        71   20.3    79.9       138   17.0    78.5
  5    4.8   145.7        72   20.4    79.8       139   16.9    78.7
  6    4.2   137.9        73   20.5    79.7       140   16.7    79.2
  7    4.0   133.9        74   20.4    79.6       141   16.5    79.6
  8    3.7   136.4        75   20.3    79.0       142   16.4    80.2
  9    3.7   139.0        76   20.0    78.2       143   16.2    80.6
 10    3.4   136.5        77   19.9    78.0       144   16.0    81.1
 11    3.2   132.2        78   19.6    76.6       145   15.9    81.6
 12    3.2   132.4        79   19.2    75.3       146   15.7    82.1
 13    3.0   136.3        80   19.3    75.3       147   15.5    82.7
 14    2.9   139.3        81   19.3    75.3       148   15.3    83.3
 15    2.9   142.5        82   19.3    75.3       149   15.2    84.0
 16    2.7   149.8        83   19.3    75.2       150   15.0    84.6
 17    2.4   154.9        84   19.3    75.3       151   14.8    85.2
 18    2.3   144.2        85   19.2    75.4       152   14.6    85.8
 19    2.3   127.5        86   19.1    75.6       153   14.5    86.5
 20    2.3   113.2        87   19.1    75.9       154   14.3    86.8
 21    2.4   107.5        88   19.0    76.1       155   14.2    85.8
 22    2.2   109.2        89   18.9    76.1       156   14.2    85.3
 23    1.8   114.6        90   19.0    76.1       157   14.3    85.1
 24    1.4   125.8        91   19.0    76.1       158   14.0    86.3
 25    1.7   132.8        92   18.9    75.3       159   13.7    87.6
 26    2.0   132.6        93   18.5    74.1       160   13.5    88.7
 27    2.5   130.4        94   18.4    74.3       161   13.3    89.2
 28    3.1   127.8        95   18.3    74.5       162   13.3    89.6
 29    4.0   126.7        96   18.2    74.8       163   13.2    90.0
 30    5.1   127.5        97   18.2    74.8       164   13.1    90.6
 31    6.1   126.9        98   18.2    74.8       165   13.0    91.2
 32    6.7   124.5        99   18.2    74.7       166   12.8    91.9
 33    7.1   122.7       100   18.3    74.8       167   12.7    92.5
 34    7.6   115.6       101   18.3    74.7       168   12.6    93.1
 35    8.1   108.6       102   18.3    74.6       169   12.5    93.8
 36    9.5   104.2       103   18.4    74.5       170   12.3    94.4
 37   10.5   102.2       104   18.5    74.3       171   12.1    95.3
 38   11.2   100.0       105   18.5    74.2       172   11.9    96.5
 39   11.8    98.0       106   18.6    74.1       173   11.8    97.7
 40   12.5    96.6       107   18.6    74.0       174   11.8    98.3
 41   13.1    95.2       108   18.7    73.9       175   11.7    98.8
 42   13.7    93.7       109   18.7    73.9       176   11.7    98.6
 43   14.2    92.3       110   18.6    74.2       177   11.5    98.1
 44   14.6    91.2       111   18.4    74.5       178   11.3    98.0
 45   14.9    90.9       112   18.2    74.9       179   11.0    99.1
 46   15.4    90.0       113   18.2    74.9       180   10.8   100.1
 47   15.8    88.8       114   18.2    74.9       181   10.6   100.9
 48   16.2    87.6       115   18.2    74.9       182   10.3   100.5
 49   16.4    87.0       116   18.2    74.9       183   10.2   100.5
 50   16.6    86.4       117   18.2    74.9       184   10.1   100.3
 51   16.7    85.3       118   18.2    74.9       185    9.9   100.5
 52   16.8    84.0       119   18.1    74.2       186    9.7   100.3
 53   16.9    82.6       120   17.8    73.3       187    9.5   100.8
 54   17.1    81.9       121   17.7    73.1       188    9.6   103.3
 55   17.4    81.1       122   17.7    73.5       189    9.7   106.3
 56   17.7    80.6       123   17.8    74.6       190    9.6   107.2
 57   17.9    80.2       124   17.8    75.6       191    9.6   107.0
 58   18.1    80.0       125   17.6    76.0       192    9.7   106.4
 59   18.2    79.7       126   17.5    76.0       193    9.8   105.8
 60   18.4    79.4       127   17.6    75.9       194   10.0   102.9
 61   18.5    79.2       128   17.6    75.9
 62   18.9    79.9       129   17.6    76.0
 63   19.3    81.2       130   17.3    76.5
 64   19.5    81.3       131   17.1    77.0
 65   19.7    80.9       132   17.1    77.7
 66   19.9    80.6       133   17.2    78.0
```

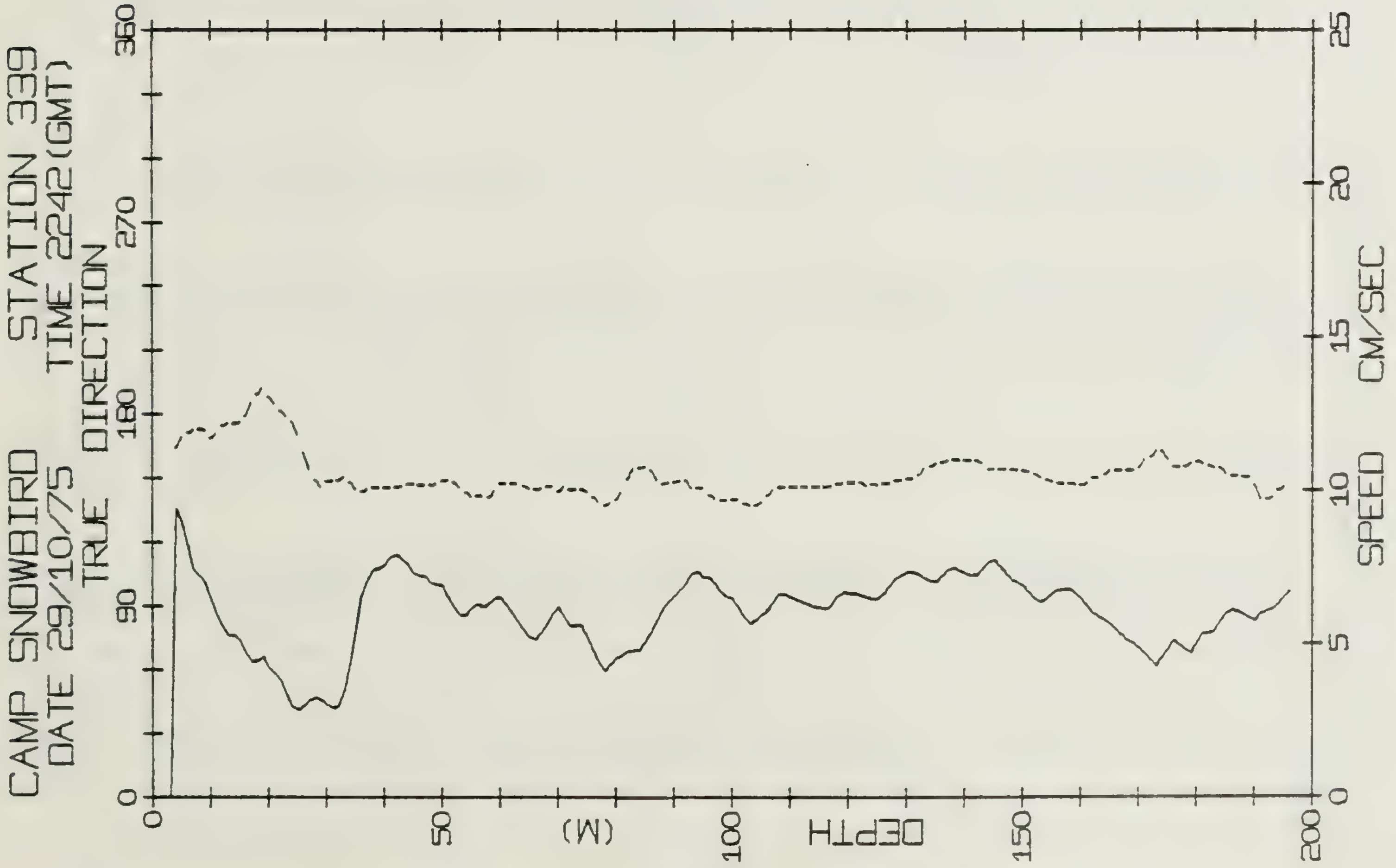
```
SNOWBIRD STATION 336     (194M )      28/OCT/75        605 GMT
LAT= 73.9775N  LONG= 142.9144W  LTER=     1.   LGER=     1.
NIVEL= -14.9   EIVEL=   -7.2    NVER=     0.   EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0   999.9        67   24.2   253.3       134   19.8   256.8
  1    0.0   999.9        68   24.3   253.5       135   19.4   255.4
  2    0.0   999.9        69   24.2   253.3       136   19.1   253.9
  3    0.0   999.9        70   24.1   253.0       137   19.0   253.4
  4   12.5   226.1        71   24.0   252.8       138   19.0   253.7
  5   12.2   225.3        72   23.9   252.6       139   19.1   254.0
  6   12.1   224.1        73   23.8   252.4       140   19.1   254.1
  7   12.2   223.5        74   23.7   252.2       141   18.9   253.2
  8   12.3   223.0        75   23.7   252.1       142   18.7   252.2
  9   12.2   223.0        76   23.6   252.1       143   18.5   251.5
 10   12.0   223.2        77   23.6   252.1       144   18.5   251.5
 11   12.0   223.9        78   23.6   252.1       145   18.3   250.5
 12   12.0   224.5        79   23.6   252.3       146   18.1   249.6
 13   12.2   223.3        80   23.7   252.3       147   18.0   248.7
 14   12.3   222.4        81   23.7   252.4       148   17.3   248.5
 15   12.1   223.6        82   23.7   252.5       149   16.9   248.2
 16   11.8   224.4        83   23.7   252.6       150   16.8   247.4
 17   11.2   224.1        84   23.8   252.6       151   16.8   247.3
 18   10.5   223.4        85   23.8   252.7       152   16.8   247.3
 19   10.4   223.4        86   23.8   252.8       153   16.8   247.9
 20   10.7   222.5        87   23.8   252.8       154   16.9   248.5
 21   10.9   221.6        88   23.8   252.9       155   17.0   249.1
 22   10.7   220.9        89   23.8   253.0       156   17.0   249.0
 23   10.0   218.8        90   23.8   253.1       157   16.3   248.8
 24    9.2   216.2        91   23.8   253.2       158   16.0   248.1
 25    8.2   212.6        92   23.9   253.2       159   15.8   247.2
 26    8.3   219.7        93   23.9   253.5       160   15.7   246.2
 27    9.3   225.4        94   24.0   253.7       161   15.5   245.2
 28   10.5   228.7        95   24.2   254.1       162   15.4   244.4
 29   11.7   230.8        96   24.3   254.4       163   14.5   244.2
 30   12.7   233.8        97   24.1   254.0       164   14.4   242.9
 31   13.4   235.6        98   24.0   253.7       165   14.3   241.6
 32   14.2   235.2        99   23.8   253.4       166   14.1   240.3
 33   14.9   233.4       100   23.6   253.1       167   13.8   240.0
 34   15.0   231.7       101   23.5   252.7       168   13.0   239.5
 35   15.0   231.7       102   23.6   253.0       169   13.0   239.2
 36   15.0   232.0       103   23.7   253.4       170   13.0   238.9
 37   15.0   233.1       104   23.6   253.2       171   12.9   238.6
 38   15.4   235.0       105   23.4   252.7       172   12.9   236.9
 39   15.8   236.9       106   22.4   256.1       173   12.2   234.4
 40   16.1   239.6       107   22.5   256.5       174   11.6   235.1
 41   16.8   242.3       108   22.4   256.1       175   11.4   236.6
 42   17.6   244.5       109   22.3   255.7       176   11.4   236.7
 43   18.6   246.2       110   22.1   255.3       177   10.7   234.3
 44   19.1   245.0       111   22.2   255.5       178   10.6   234.9
 45   19.9   244.8       112   22.4   256.0       179   10.5   235.4
 46   21.0   245.8       113   22.5   256.4       180   10.5   234.5
 47   21.6   247.6       114   22.7   256.8       181   10.3   232.2
 48   23.4   246.6       115   22.5   256.3       182    9.7   227.7
 49   24.0   248.1       116   22.3   255.9       183    9.8   226.6
 50   24.2   248.4       117   22.3   255.8       184    9.9   225.9
 51   24.4   248.8       118   22.4   256.0       185    9.9   226.0
 52   24.5   249.3       119   22.5   256.3       186    9.9   226.1
 53   24.7   249.5       120   22.5   256.5       187    9.8   225.5
 54   24.8   249.7       121   22.3   255.9       188    9.4   222.2
 55   24.9   249.9       122   21.9   254.7       189    9.4   222.4
 56   24.8   250.6       123   21.6   253.7       190    8.8   221.2
 57   24.0   253.2       124   21.7   253.9       191    8.7   221.6
 58   24.2   253.3       125   21.7   254.2       192    9.1   223.7
 59   24.2   253.3       126   21.8   254.3       193    9.5   226.0
 60   24.1   253.1       127   21.7   254.1       194    9.4   226.5
 61   24.0   253.0       128   21.6   253.9
 62   24.0   252.9       129   21.6   253.6
 63   23.9   252.7       130   21.5   253.4
 64   23.9   252.6       131   21.5   253.3
 65   24.0   252.8       132   21.5   253.4
 66   24.0   253.0       133   20.6   255.5
```

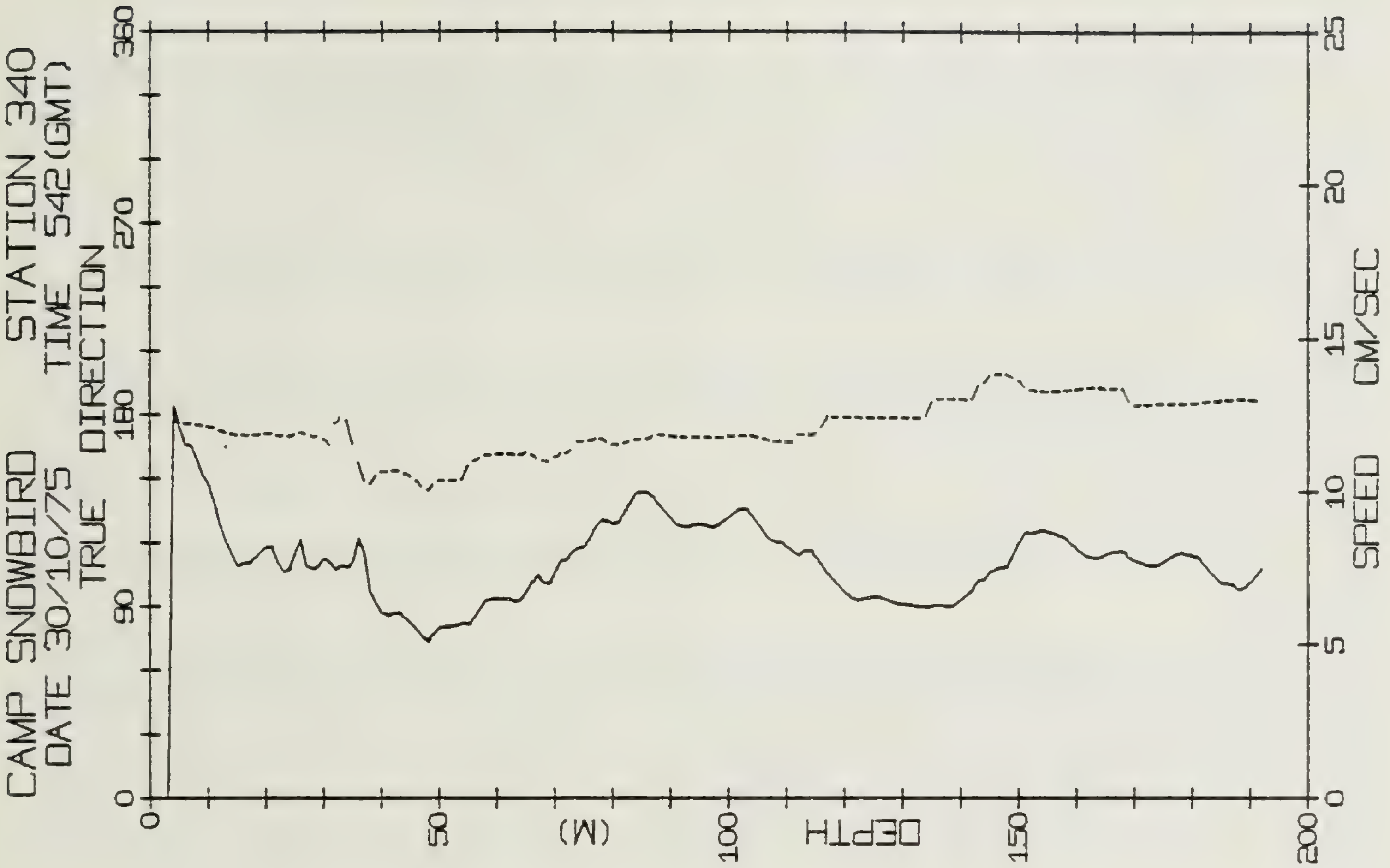

CAMP SNOWBIRD STATION 338
DATE 29/10/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 337
DATE 28/10/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 337     (192M.)      28/OCT/75      2242 GMT
LAT= 73.0683N  LONG= 143.0741W  LTER=     0.  LGER=     1.
NIVEL= -20.5   EIVEL=   -8.6    NVER=     0.  EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0  999.9         67   10.6  205.3        134   11.5  216.0
  1    0.0  999.9         68   10.5  205.2        135   11.6  215.7
  2    0.0  999.9         69   10.4  208.0        136   11.8  215.9
  3    0.0  999.9         70   10.4  210.3        137   11.9  216.5
  4   16.5  211.6         71   10.5  209.9        138   11.9  215.6
  5   13.6  215.8         72   10.4  209.9        139   11.9  215.7
  6   13.5  218.5         73   10.3  210.0        140   11.9  215.7
  7   13.6  221.5         74   10.0  210.4        141   11.9  215.8
  8   13.1  223.3         75   10.1  210.2        142   11.9  215.7
  9   13.1  221.5         76   10.4  209.8        143   12.0  215.6
 10   13.1  218.3         77   10.7  209.5        144   12.0  215.5
 11   13.0  214.7         78   10.9  209.1        145   12.0  215.6
 12   13.1  212.5         79   10.8  209.2        146   12.0  216.3
 13   13.5  213.5         80   10.6  209.5        147   12.2  217.7
 14   13.5  215.5         81   10.4  209.7        148   12.1  216.7
 15   13.2  218.7         82   10.3  209.9        149   12.0  215.2
 16   13.1  221.6         83   10.1  210.1        150   11.9  215.2
 17   13.1  222.8         84   10.0  210.2        151   12.0  215.0
 18   13.0  222.9         85   10.0  210.2        152   12.1  214.7
 19   12.6  221.2         86   10.1  210.2        153   12.3  214.1
 20   12.2  219.4         87   10.3  209.9        154   12.5  213.6
 21   12.0  218.9         88   10.4  209.7        155   12.6  213.3
 22   11.7  217.8         89   10.4  209.7        156   12.6  213.3
 23   11.6  218.3         90   10.5  209.7        157   12.7  212.9
 24   11.6  219.4         91   10.6  209.5        158   12.6  213.0
 25   11.7  220.7         92   10.8  209.4        159   12.3  213.9
 26   11.7  221.9         93   10.9  209.2        160   12.1  214.8
 27   11.6  222.7         94   10.9  209.3        161   12.0  214.8
 28   11.5  222.9         95   10.9  209.3        162   12.0  213.9
 29   11.0  221.2         96   10.8  209.5        163   12.0  212.9
 30   10.6  219.2         97   10.8  210.8        164   12.0  212.4
 31   10.1  214.7         98   10.8  212.1        165   11.9  212.7
 32    9.7  209.8         99   10.7  212.3        166   11.9  211.8
 33    9.5  206.6        100   10.6  212.3        167   12.2  211.2
 34    9.3  205.5        101   10.6  212.2        168   12.6  211.8
 35    9.2  205.5        102   10.6  211.7        169   12.8  212.7
 36    9.0  205.9        103   10.5  211.0        170   13.0  213.6
 37    8.9  206.4        104   10.5  210.2        171   13.3  213.5
 38    9.2  206.6        105   10.6  211.0        172   13.5  212.3
 39    9.6  207.7        106   10.7  212.0        173   13.6  211.0
 40    9.9  208.9        107   10.8  211.8        174   13.4  209.6
 41   10.1  210.6        108   10.7  211.9        175   13.4  208.2
 42   10.0  213.7        109   10.6  212.0        176   13.4  208.1
 43    9.9  214.6        110   10.5  212.3        177   13.2  208.3
 44    9.6  211.8        111   10.4  212.5        178   12.9  208.8
 45    9.7  211.0        112   10.5  212.2        179   12.8  209.0
 46    9.8  210.8        113   10.7  211.8        180   12.8  210.3
 47   10.1  210.3        114   10.8  211.6        181   12.9  212.9
 48   10.4  209.9        115   10.9  211.3        182   12.9  214.7
 49   10.4  209.9        116   11.1  211.1        183   13.0  215.7
 50   10.4  209.8        117   11.1  211.0        184   12.9  215.7
 51   10.2  210.1        118   11.2  211.0        185   13.0  216.8
 52   10.1  210.1        119   11.3  210.9        186   13.1  218.4
 53   10.0  210.2        120   11.3  210.9        187   13.4  219.8
 54   10.0  210.2        121   11.3  211.4        188   13.8  221.3
 55    9.9  210.3        122   11.3  213.1        189   13.7  221.3
 56    9.8  210.3        123   11.3  212.2        190   13.6  219.6
 57    9.9  208.6        124   11.3  212.2        191   13.6  218.1
 58   10.1  206.9        125   11.3  213.4        192   13.7  216.9
 59   10.2  206.5        126   11.2  213.6
 60   10.4  206.5        127   11.2  213.6
 61   10.5  206.5        128   11.3  214.6
 62   10.8  206.5        129   11.5  216.4
 63   11.1  206.4        130   11.5  216.2
 64   11.3  206.6        131   11.5  216.3
 65   11.2  206.7        132   11.4  216.3
 66   11.0  206.8        133   11.4  216.3
```

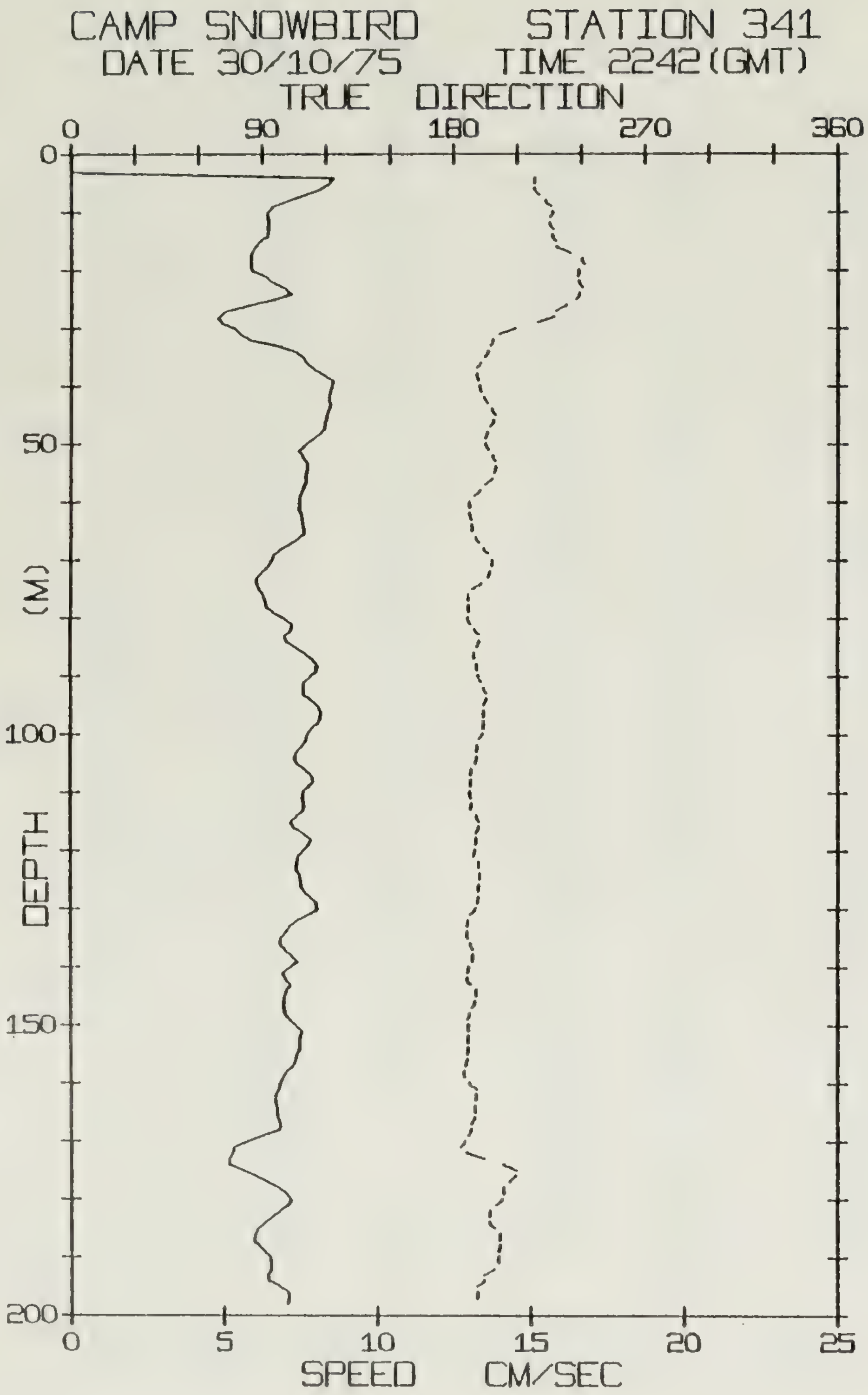
```
SNOWBIRD STATION 338     (194M.)      29/OCT/75       543 GMT
LAT= 73.8186N  LONG= 143.1245W  LTER=     0.  LGER=     0.
NIVEL= -22.4   EIVEL=   -9.8    NVER=     0.  EVER=     0.

DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0.0  999.9         67   12.7  209.3        134   11.5  218.4
  1    0.0  999.9         68   12.6  208.6        135   11.5  218.3
  2    0.0  999.9         69   12.6  207.9        136   11.6  218.3
  3    0.0  999.9         70   12.6  207.1        137   11.6  218.2
  4   18.5  212.0         71   12.7  206.5        138   11.8  219.5
  5   17.4  215.0         72   13.0  207.3        139   12.0  221.2
  6   16.6  216.6         73   13.5  207.8        140   11.9  221.3
  7   15.5  219.0         74   14.1  208.3        141   11.7  221.5
  8   14.6  220.5         75   14.4  208.6        142   11.7  221.4
  9   15.3  216.6         76   14.3  208.7        143   11.8  220.9
 10   15.9  216.5         77   14.3  208.8        144   11.9  220.4
 11   16.1  218.1         78   14.3  208.9        145   11.8  218.0
 12   15.5  219.4         79   14.3  208.9        146   11.9  217.0
 13   15.6  217.6         80   14.4  208.8        147   12.1  216.6
 14   16.1  216.9         81   14.6  209.7        148   12.0  216.8
 15   16.8  217.2         82   14.8  210.3        149   11.9  217.0
 16   17.0  218.8         83   14.6  210.0        150   12.2  216.4
 17   17.1  220.9         84   14.3  209.3        151   12.5  215.8
 18   17.2  222.8         85   13.9  210.0        152   12.7  215.2
 19   17.0  223.5         86   13.8  211.9        153   12.8  215.1
 20   16.5  223.1         87   13.8  213.2        154   12.7  215.3
 21   16.1  221.4         88   13.7  213.2        155   12.6  215.9
 22   15.7  219.2         89   13.6  213.3        156   12.6  216.6
 23   15.7  220.2         90   13.6  213.2        157   12.8  216.8
 24   15.5  221.8         91   13.5  212.9        158   12.9  217.0
 25   14.9  220.9         92   13.3  209.9        159   12.9  218.0
 26   13.9  221.2         93   13.2  207.8        160   12.7  218.3
 27   13.1  221.9         94   13.3  207.7        161   12.6  218.7
 28   13.2  221.1         95   13.3  207.6        162   12.4  219.1
 29   13.0  220.4         96   13.4  207.5        163   12.5  219.7
 30   12.3  219.6         97   13.4  208.0        164   12.5  220.3
 31   11.5  217.8         98   13.6  208.6        165   12.4  220.9
 32   10.8  217.5         99   13.8  207.8        166   12.6  221.5
 33   10.6  216.9        100   13.9  206.8        167   12.9  220.5
 34   11.1  216.0        101   14.2  205.9        168   13.2  219.5
 35   11.5  215.3        102   14.2  205.2        169   13.1  219.4
 36   11.6  215.2        103   14.1  205.7        170   13.4  218.1
 37   11.7  214.5        104   14.1  206.4        171   13.7  217.0
 38   11.8  212.0        105   13.8  207.2        172   14.0  216.1
 39   12.0  211.1        106   13.6  207.6        173   14.0  215.8
 40   12.3  210.7        107   13.5  207.6        174   14.0  214.8
 41   12.7  210.3        108   13.5  207.4        175   14.2  214.6
 42   12.2  210.8        109   13.6  207.3        176   14.1  214.6
 43   11.7  211.3        110   13.8  207.1        177   14.0  214.9
 44   11.5  211.7        111   13.6  207.3        178   14.0  215.0
 45   11.1  212.2        112   13.4  207.5        179   13.9  215.2
 46   11.0  212.2        113   13.3  209.8        180   13.9  215.3
 47   11.0  212.1        114   13.1  211.2        181   13.9  215.4
 48   11.2  211.8        115   13.1  211.5        182   13.9  215.4
 49   11.1  211.8        116   13.1  211.7        183   13.9  215.4
 50   11.1  211.9        117   12.8  212.8        184   13.7  213.6
 51   11.0  212.0        118   12.7  215.5        185   13.7  213.8
 52   11.5  211.3        119   12.6  218.2        186   13.9  214.6
 53   12.0  210.6        120   12.4  222.4        187   14.0  214.9
 54   12.2  210.3        121   12.1  224.0        188   14.1  214.8
 55   12.1  210.4        122   11.8  225.0        189   14.1  214.9
 56   11.9  210.6        123   11.7  225.1        190   13.9  215.3
 57   11.8  210.8        124   11.9  224.3        191   13.8  215.7
 58   11.8  210.8        125   12.2  223.3        192   13.6  216.2
 59   12.0  210.6        126   12.2  223.2        193   13.6  218.6
 60   12.4  210.2        127   12.1  223.4        194   13.9  220.7
 61   12.6  210.0        128   12.1  223.5
 62   12.8  209.8        129   12.0  222.6
 63   13.1  209.6        130   11.9  220.6
 64   13.2  209.6        131   11.9  220.2
 65   13.1  209.7        132   11.7  218.9
 66   13.0  209.8        133   11.5  218.2
```

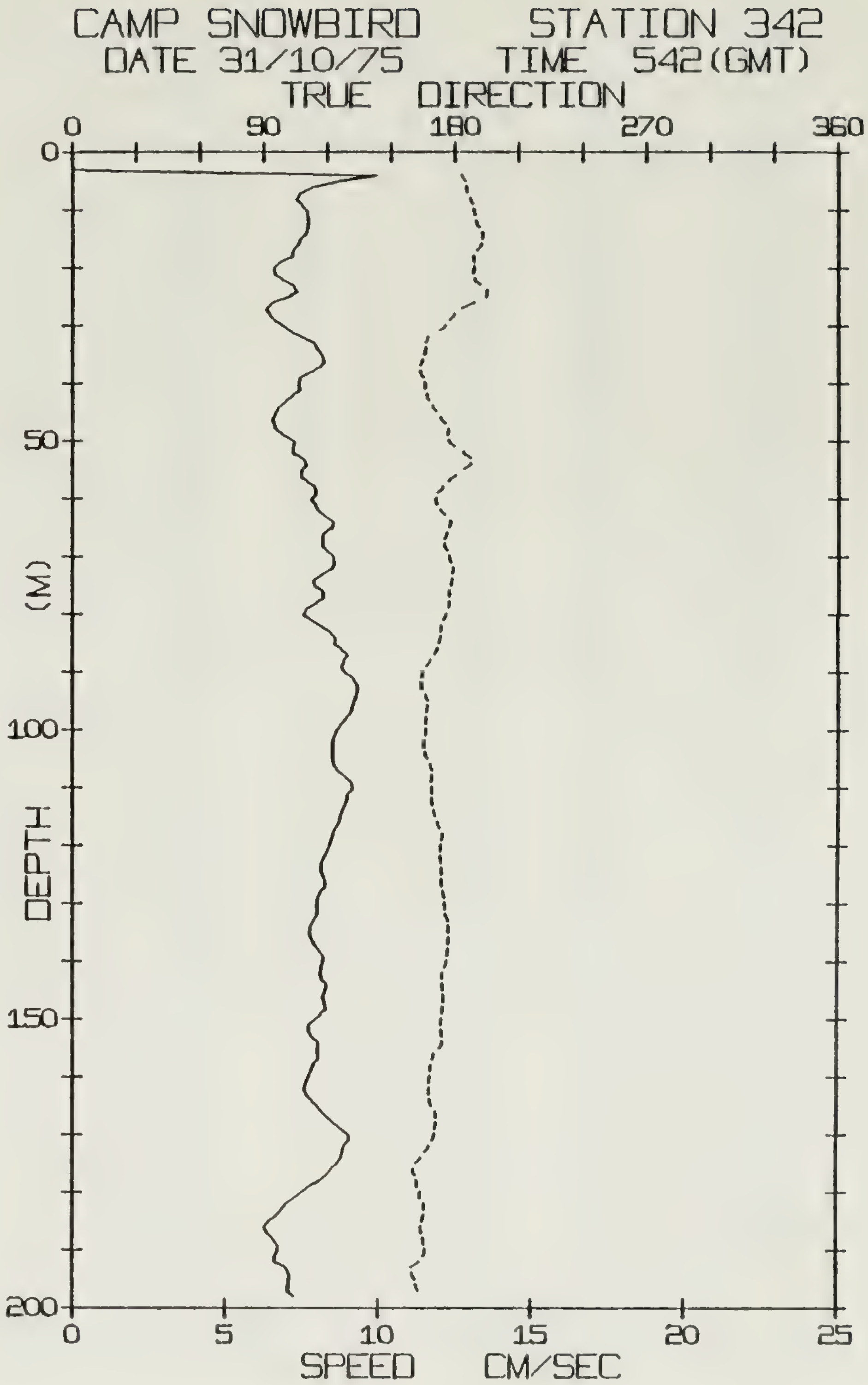

CAMP SNOWBIRD
DATE 29/10/75
STATION 339
TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 30/10/75
STATION 340
TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 339    (196M.)     29/OCT/75       2242 GMT
LAT= 73.7188N  LONG= 143.1361W  LTER=      1.   LGER=      1
NIVEL= -14.8   EIVEL=    6.0    NVER=      0    EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    5.4   145.1      134    7.0   155.2
  1    0.0   999.9       68    5.6   146.1      135    7.0   156.5
  2    0.0   999.9       69    6.0   145.7      136    7.2   157.2
  3    0.0   999.9       70    6.2   143.6      137    7.4   157.9
  4    9.4   164.3       71    5.9   145.9      138    7.5   158.4
  5    9.0   169.1       72    5.6   144.5      139    7.4   158.2
  6    8.2   171.3       73    5.6   144.5      140    7.3   158.0
  7    7.4   172.6       74    5.6   144.4      141    7.2   157.9
  8    7.2   173.0       75    5.2   143.1      142    7.2   157.6
  9    7.0   172.2       76    4.8   141.1      143    7.4   156.6
 10    6.5   168.7       77    4.4   138.8      144    7.7   153.9
 11    6.0   170.7       78    4.1   137.0      145    7.8   153.9
 12    5.6   174.6       79    4.3   138.2      146    7.5   154.0
 13    5.3   175.7       80    4.5   139.6      147    7.3   154.0
 14    5.3   175.4       81    4.6   143.6      148    7.1   153.5
 15    5.1   176.3       82    4.8   149.3      149    7.0   153.3
 16    4.7   178.8       83    4.8   154.4      150    6.9   153.0
 17    4.5   184.9       84    4.8   154.9      151    6.7   152.5
 18    4.5   189.2       85    5.0   155.3      152    6.5   151.5
 19    4.6   192.4       86    5.4   153.4      153    6.4   149.9
 20    4.2   188.1       87    5.7   149.5      154    6.5   148.7
 21    4.0   185.0       88    6.1   147.3      155    6.6   147.8
 22    3.8   181.3       89    6.4   147.8      156    6.8   147.2
 23    3.4   179.2       90    6.6   148.2      157    6.8   147.2
 24    3.0   176.5       91    6.8   148.6      158    6.8   147.2
 25    2.8   170.6       92    7.0   148.9      159    6.6   146.8
 26    3.0   161.8       93    7.3   145.2      160    6.5   146.3
 27    3.2   154.4       94    7.4   145.0      161    6.3   147.6
 28    3.3   149.0       95    7.2   144.8      162    6.0   149.8
 29    3.2   146.1       96    7.2   141.9      163    5.9   150.1
 30    3.0   148.3       97    7.0   140.2      164    5.8   151.5
 31    2.9   148.7       98    6.7   139.5      165    5.7   153.5
 32    3.0   148.8       99    6.6   139.6      166    5.5   153.7
 33    3.5   150.6      100    6.5   140.0      167    5.3   153.6
 34    4.3   147.8      101    6.2   139.6      168    5.1   153.5
 35    5.4   144.9      102    5.9   137.9      169    5.0   153.4
 36    6.6   143.5      103    5.7   136.8      170    4.9   154.9
 37    7.1   144.6      104    5.8   137.2      171    4.7   158.7
 38    7.4   145.4      105    5.9   138.6      172    4.5   159.6
 39    7.5   145.3      106    6.1   141.5      173    4.3   162.4
 40    7.6   145.1      107    6.4   144.1      174    4.5   162.4
 41    7.8   145.3      108    6.6   145.2      175    4.8   158.4
 42    7.9   145.7      109    6.6   145.5      176    5.1   155.0
 43    7.8   146.3      110    6.5   145.8      177    5.0   154.7
 44    7.6   147.2      111    6.4   145.9      178    4.8   155.2
 45    7.3   146.8      112    6.4   145.7      179    4.7   156.5
 46    7.2   146.5      113    6.3   145.7      180    5.0   157.6
 47    7.2   146.4      114    6.2   145.7      181    5.3   156.3
 48    7.0   146.4      115    6.2   145.8      182    5.4   155.4
 49    6.9   147.5      116    6.1   145.9      183    5.4   154.4
 50    6.9   148.7      117    6.2   146.4      184    5.7   154.3
 51    6.5   149.2      118    6.5   147.1      185    6.0   151.8
 52    6.2   147.8      119    6.7   147.6      186    6.1   150.8
 53    6.0   145.5      120    6.7   147.7      187    6.0   150.6
 54    6.0   143.1      121    6.7   147.9      188    6.0   150.1
 55    6.2   141.3      122    6.6   147.9      189    5.8   149.6
 56    6.3   141.8      123    6.5   146.2      190    5.8   146.5
 57    6.2   141.2      124    6.4   146.9      191    6.0   140.2
 58    6.3   140.6      125    6.5   146.3      192    6.1   139.7
 59    6.5   143.6      126    6.6   147.1      193    6.1   140.6
 60    6.5   147.5      127    6.9   147.9      194    6.3   144.0
 61    6.3   147.5      128    7.1   148.6      195    6.5   145.4
 62    6.0   147.4      129    7.2   149.1      196    6.7   146.1
 63    5.8   147.0      130    7.3   149.5
 64    5.5   146.0      131    7.3   149.7
 65    5.2   145.0      132    7.3   151.2
 66    5.1   144.5      133    7.1   154.0
```

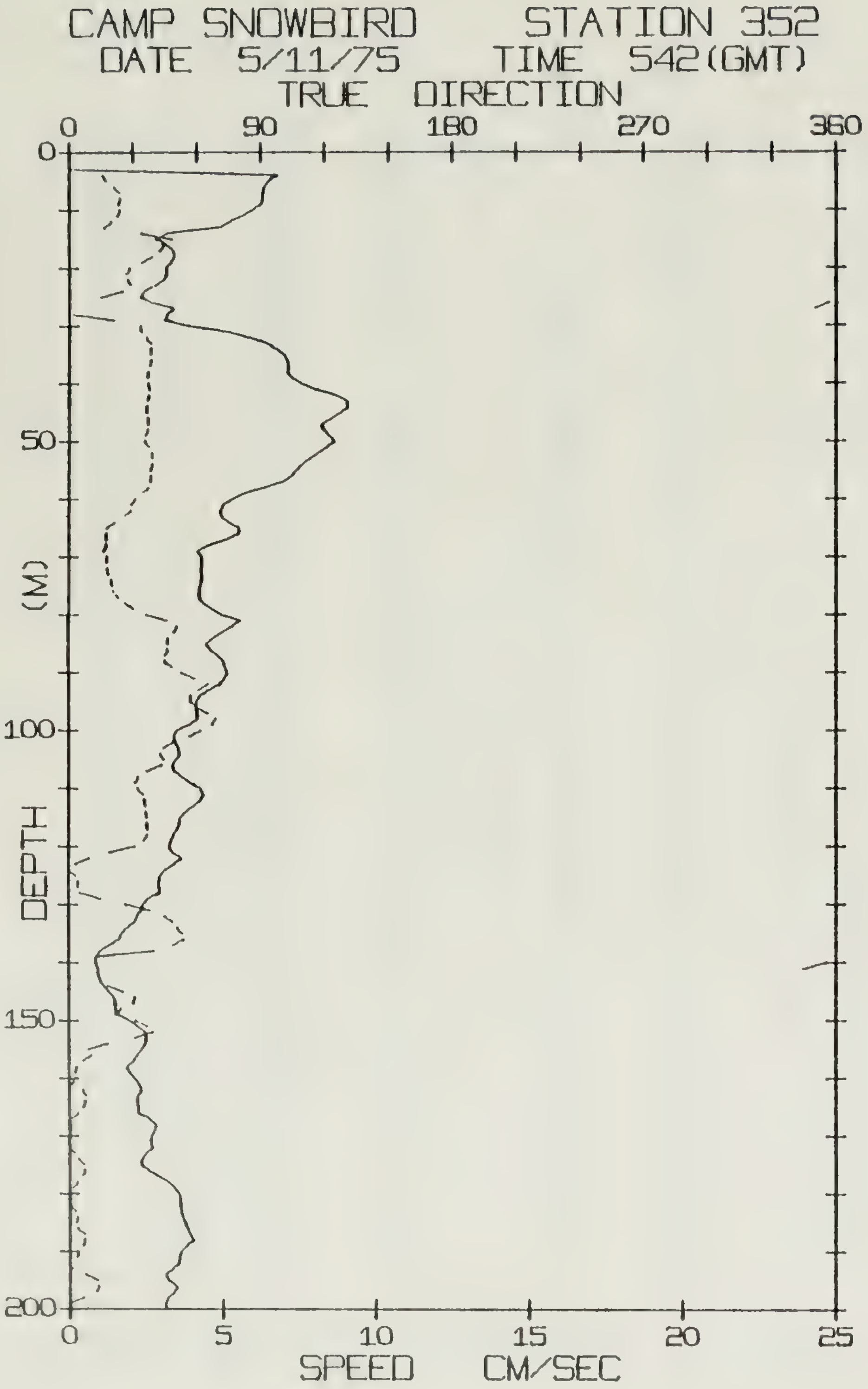
```
SNOWBIRD STATION 340    (192M.)     30/OCT/75        542 GMT
LAT= 73.6782N  LONG= 143.1033W  LTER=      1.   LGER=      1
NIVEL= -19.9   EIVEL=    0.0    NVER=      0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    7.3   159.3      134    6.2   179.9
  1    0.0   999.9       68    7.0   158.3      135    6.3   186.7
  2    0.0   999.9       69    7.0   158.2      136    6.3   187.8
  3    0.0   999.9       70    7.4   160.3      137    6.3   187.7
  4   12.8   176.6       71    7.7   162.1      138    6.2   187.7
  5   12.1   176.1       72    7.8   162.4      139    6.3   187.5
  6   11.5   175.6       73    8.0   164.0      140    6.5   187.3
  7   11.5   175.5       74    8.2   167.3      141    6.6   187.2
  8   11.1   175.1       75    8.2   167.5      142    6.8   188.1
  9   10.5   174.6       76    8.4   168.0      143    7.1   193.8
 10   10.2   174.2       77    8.8   169.0      144    7.2   195.6
 11    9.7   173.5       78    9.1   168.8      145    7.4   198.7
 12    8.9   172.5       79    9.0   167.2      146    7.5   199.3
 13    8.4   171.6       80    8.9   166.1      147    7.5   199.1
 14    8.0   170.8       81    9.0   166.3      148    7.6   199.2
 15    7.6   170.0       82    9.3   167.2      149    7.9   197.6
 16    7.6   170.1       83    9.6   167.9      150    8.3   196.2
 17    7.7   170.2       84   10.0   168.7      151    8.6   193.5
 18    7.8   170.5       85   10.0   168.8      152    8.6   191.9
 19    8.0   170.9       86    9.9   169.0      153    8.7   191.2
 20    8.2   171.2       87    9.8   170.4      154    8.8   191.0
 21    8.2   171.2       88    9.6   170.7      155    8.7   191.2
 22    7.7   170.2       89    9.4   170.3      156    8.6   191.3
 23    7.4   169.6       90    9.1   170.0      157    8.5   191.4
 24    7.5   169.7       91    8.9   169.6      158    8.5   191.6
 25    8.0   170.8       92    8.8   169.4      159    8.3   191.9
 26    8.4   171.6       93    8.8   169.5      160    8.1   192.4
 27    7.6   170.0       94    8.9   169.6      161    8.0   192.7
 28    7.5   169.8       95    8.9   169.7      162    7.9   193.0
 29    7.6   170.0       96    8.9   169.4      163    7.8   193.0
 30    7.8   168.4       97    8.8   169.3      164    7.9   192.9
 31    7.7   166.1       98    8.9   169.5      165    8.0   192.5
 32    7.5   176.0       99    9.0   169.7      166    8.0   192.3
 33    7.6   178.9      100    9.2   170.0      167    8.0   192.2
 34    7.5   177.0      101    9.3   170.3      168    8.1   192.2
 35    7.7   166.6      102    9.5   170.5      169    7.8   186.9
 36    8.4   157.6      103    9.4   170.4      170    7.7   184.8
 37    8.0   149.4      104    9.2   170.0      171    7.7   185.1
 38    6.7   147.5      105    9.0   169.4      172    7.6   185.3
 39    6.3   151.1      106    8.7   168.7      173    7.6   185.4
 40    6.0   153.2      107    8.4   168.0      174    7.6   185.4
 41    5.9   153.0      108    8.3   167.6      175    7.7   185.4
 42    6.0   153.7      109    8.3   167.5      176    7.8   185.4
 43    6.0   153.4      110    8.2   167.1      177    8.0   185.4
 44    5.9   152.1      111    8.0   167.9      178    8.0   185.5
 45    5.7   150.8      112    7.9   170.7      179    7.9   185.7
 46    5.5   149.0      113    8.1   170.7      180    7.9   185.9
 47    5.3   146.5      114    8.1   170.5      181    7.8   186.1
 48    5.1   144.6      115    7.9   172.0      182    7.6   186.4
 49    5.4   147.2      116    7.6   174.4      183    7.4   186.7
 50    5.6   148.9      117    7.3   179.1      184    7.2   186.9
 51    5.6   149.1      118    7.1   179.0      185    7.0   187.1
 52    5.6   149.2      119    6.9   179.0      186    7.0   187.2
 53    5.6   149.3      120    6.7   178.9      187    6.9   187.5
 54    5.7   149.8      121    6.5   178.8      188    6.8   187.9
 55    5.7   156.2      122    6.5   178.8      189    6.9   187.6
 56    5.9   158.7      123    6.5   178.7      190    7.1   187.3
 57    6.1   160.1      124    6.5   178.8      191    7.3   186.9
 58    6.4   161.2      125    6.6   178.7      192    7.5   186.5
 59    6.5   161.6      126    6.5   178.7
 60    6.5   161.7      127    6.5   178.7
 61    6.5   161.7      128    6.4   178.7
 62    6.5   161.8      129    6.3   178.7
 63    6.4   161.3      130    6.3   178.6
 64    6.5   161.3      131    6.3   178.5
 65    6.7   162.5      132    6.2   178.6
 66    7.0   161.1      133    6.2   178.6
```

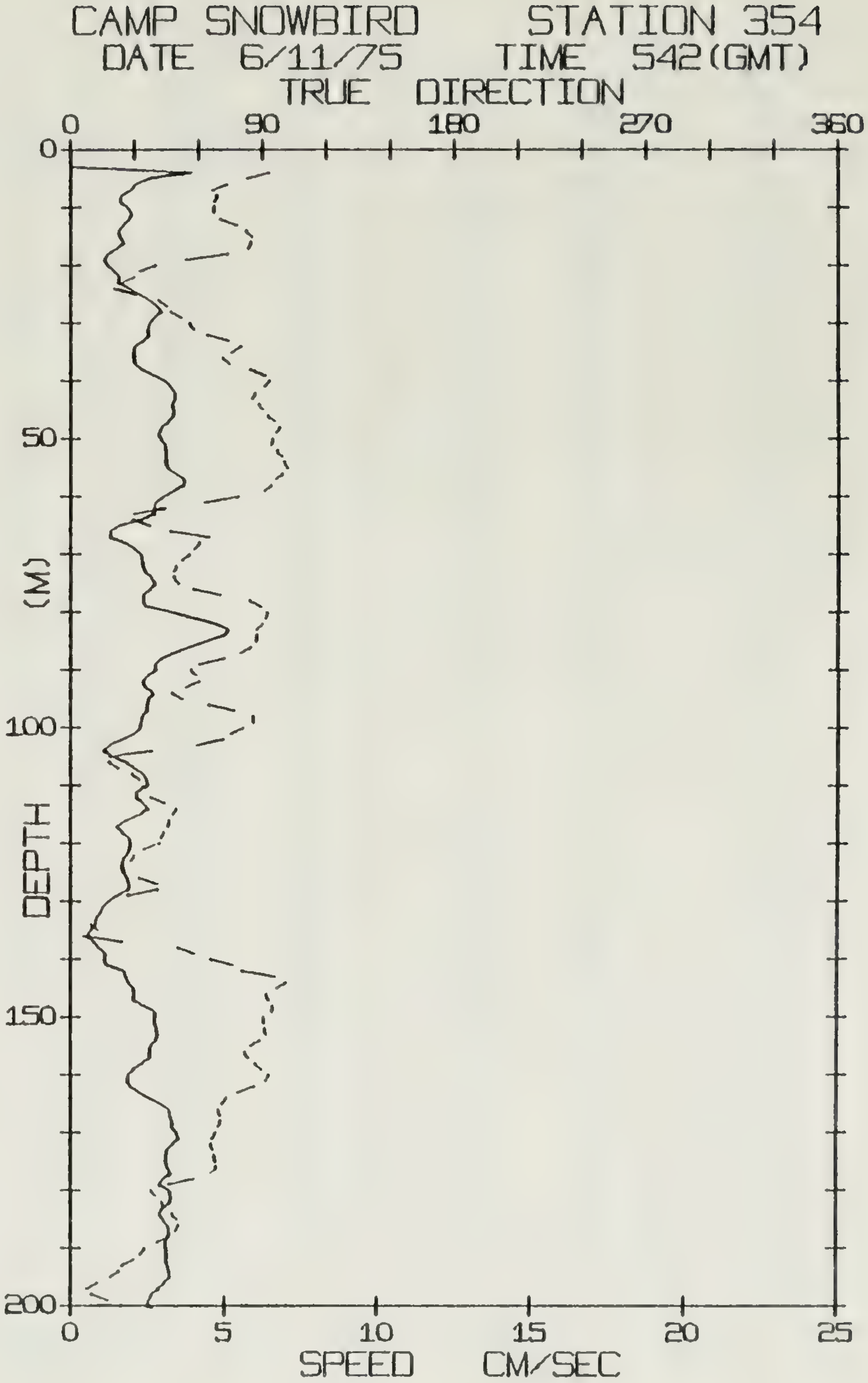

CAMP SNOWBIRD STATION 341
DATE 30/10/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 342
DATE 31/10/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 341     (198M.)      30/OCT/75      2242 GMT
LAT= 73.5835N  LONG= 143.0764W  LTER=     0.   LGER=     0.
NIVEL= -13.0    EIVEL=  -3.5     NVER=     0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    7.2   192.3      134    7.0   186.2
  1    0.0   999.9       68    6.9   194.3      135    6.9   186.7
  2    0.0   999.9       69    6.6   196.5      136    6.9   188.1
  3    0.0   999.9       70    6.5   198.1      137    7.0   189.0
  4    8.6   218.2       71    6.4   197.9      138    7.2   189.3
  5    8.4   217.7       72    6.2   196.9      139    7.4   188.6
  6    8.1   217.9       73    6.1   196.0      140    7.2   187.0
  7    7.6   220.4       74    6.1   193.1      141    6.9   186.2
  8    7.1   223.0       75    6.2   189.1      142    7.0   186.0
  9    6.5   225.7       76    6.3   187.1      143    7.2   187.9
 10    6.4   226.5       77    6.4   187.0      144    7.1   190.4
 11    6.5   224.9       78    6.4   186.9      145    7.0   190.5
 12    6.4   225.3       79    6.6   187.2      146    7.0   189.9
 13    6.4   226.7       80    7.0   186.6      147    7.0   188.6
 14    6.4   226.4       81    7.2   187.9      148    7.0   187.4
 15    6.1   227.9       82    7.2   190.0      149    7.2   186.6
 16    6.0   228.6       83    7.0   192.2      150    7.4   186.9
 17    5.9   234.7       84    7.1   192.0      151    7.6   187.1
 18    5.9   240.2       85    7.4   190.6      152    7.5   186.8
 19    5.9   241.7       86    7.7   189.5      153    7.5   186.8
 20    5.9   238.8       87    7.9   189.7      154    7.5   186.8
 21    6.4   238.3       88    8.1   190.9      155    7.4   186.4
 22    6.6   239.3       89    8.0   191.3      156    7.3   186.0
 23    7.0   240.8       90    7.8   191.8      157    7.3   185.5
 24    7.2   239.1       91    7.6   192.8      158    7.0   184.7
 25    6.6   237.5       92    7.6   194.2      159    6.9   185.4
 26    5.8   232.8       93    7.6   195.5      160    6.8   187.4
 27    5.1   228.1       94    7.8   195.1      161    6.8   190.3
 28    4.8   226.9       95    8.1   193.9      162    6.7   190.4
 29    4.9   219.6       96    8.2   193.8      163    6.7   190.2
 30    5.4   209.0       97    8.1   193.8      164    6.7   190.2
 31    5.6   201.8       98    8.0   193.9      165    6.7   190.1
 32    5.9   198.4       99    7.8   193.6      166    6.8   189.8
 33    6.8   197.3      100    7.7   193.3      167    6.9   188.3
 34    7.4   196.2      101    7.7   191.2      168    6.8   188.1
 35    7.6   194.5      102    7.5   190.9      169    6.3   186.7
 36    7.8   192.6      103    7.4   190.6      170    5.8   185.1
 37    8.0   190.8      104    7.3   190.5      171    5.3   183.4
 38    8.3   191.0      105    7.4   190.1      172    5.3   186.4
 39    8.6   191.9      106    7.7   188.3      173    5.2   194.4
 40    8.5   192.3      107    7.9   187.5      174    5.2   203.4
 41    8.4   193.2      108    7.9   188.0      175    5.6   209.5
 42    8.5   194.6      109    7.7   187.8      176    6.1   208.9
 43    8.5   196.2      110    7.6   187.5      177    6.4   206.1
 44    8.4   197.9      111    7.6   188.4      178    6.8   203.7
 45    8.3   199.8      112    7.6   188.5      179    7.0   203.1
 46    8.3   198.6      113    7.6   187.8      180    7.2   202.6
 47    8.3   197.2      114    7.4   190.5      181    7.1   200.1
 48    8.2   195.8      115    7.2   192.0      182    6.8   197.1
 49    7.9   194.8      116    7.3   191.6      183    6.6   196.7
 50    7.7   195.1      117    7.6   190.3      184    6.3   196.9
 51    7.5   196.7      118    7.9   190.5      185    6.1   199.0
 52    7.6   198.3      119    7.8   190.1      186    6.0   201.4
 53    7.7   199.8      120    7.6   189.7      187    6.0   201.7
 54    7.7   199.9      121    7.4   189.3      188    6.1   201.3
 55    7.7   198.9      122    7.4   191.8      189    6.3   201.0
 56    7.7   198.0      123    7.3   192.0      190    6.5   200.6
 57    7.6   194.8      124    7.5   192.3      191    6.5   200.6
 58    7.6   192.3      125    7.5   192.3      192    6.5   199.0
 59    7.5   189.7      126    7.5   191.7      193    6.4   194.6
 60    7.5   187.6      127    7.6   191.5      194    6.4   193.9
 61    7.5   187.6      128    7.8   191.5      195    6.8   191.1
 62    7.5   187.6      129    8.0   191.1      196    7.1   191.3
 63    7.6   188.6      130    8.1   190.0      197    7.1   191.1
 64    7.6   188.8      131    7.7   188.0      198    7.1   190.8
 65    7.6   188.8      132    7.4   186.7
 66    7.5   190.3      133    7.1   186.1
```

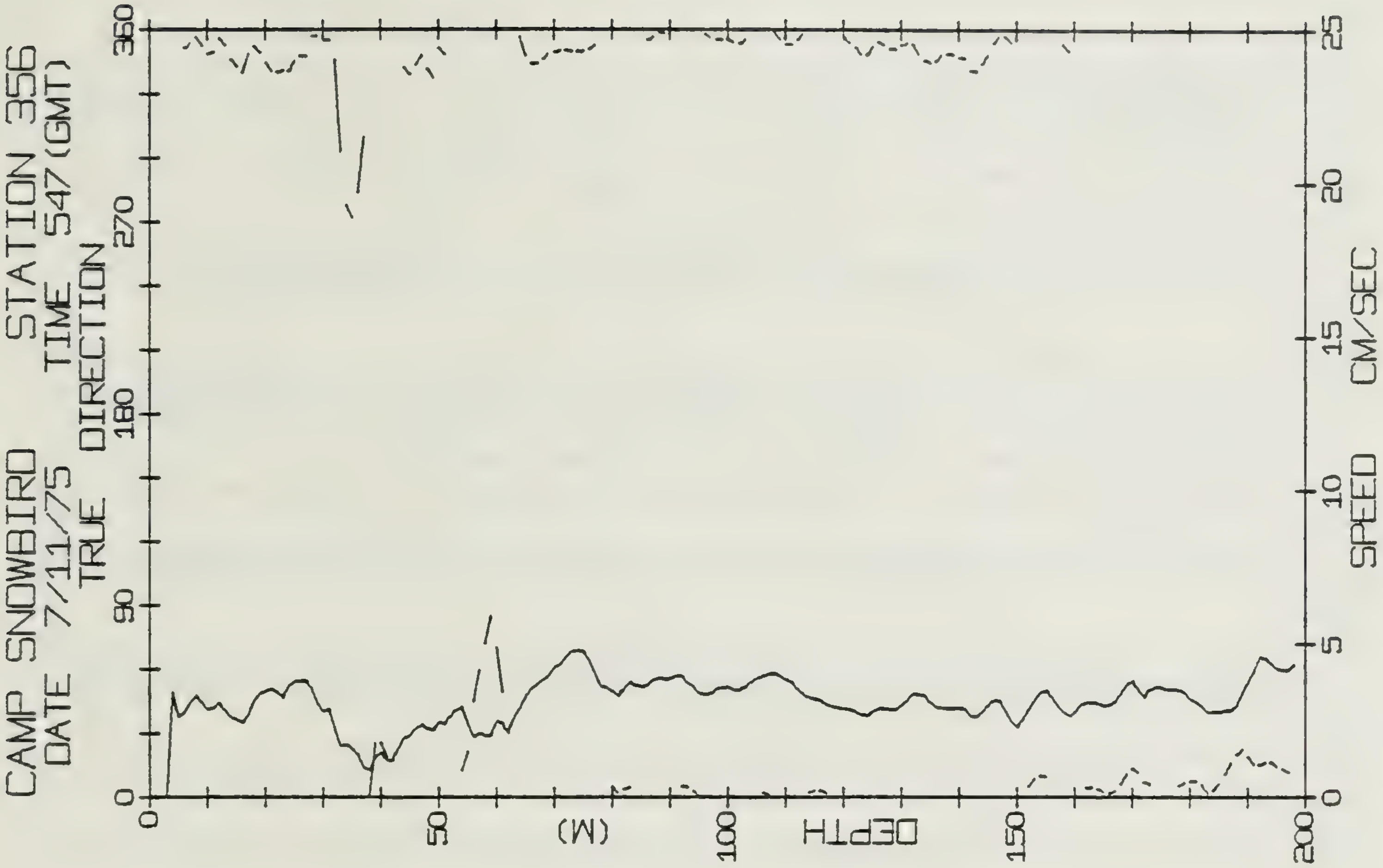
```
SNOWBIRD STATION 342     (190M.)      31/OCT/75       542 GMT
LAT= 73.5524N  LONG= 143.0848W  LTER=     1.   LGER=     2.
NIVEL= -13.6    EIVEL=   0.7     NVER=     0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    8.2   174.7      134    7.8   176.8
  1    0.0   999.9       68    8.2   174.8      135    7.7   176.8
  2    0.0   999.9       69    8.3   176.5      136    7.8   176.9
  3    0.0   999.9       70    8.5   177.5      137    7.9   176.6
  4    9.9   183.3       71    8.6   178.3      138    8.1   176.4
  5    8.7   184.7       72    8.5   179.2      139    8.2   176.2
  6    7.8   185.4       73    8.2   178.7      140    8.2   175.9
  7    7.4   185.7       74    7.9   178.4      141    8.1   175.1
  8    7.3   187.3       75    7.9   177.9      142    8.1   173.9
  9    7.5   188.6       76    8.2   177.2      143    8.2   174.0
 10    7.6   189.1       77    8.2   177.2      144    8.3   174.2
 11    7.7   189.7       78    8.0   177.0      145    8.3   174.5
 12    7.7   189.8       79    7.7   176.3      146    8.2   174.5
 13    7.7   191.6       80    7.5   175.5      147    8.3   174.4
 14    7.6   192.9       81    7.8   174.2      148    8.3   174.1
 15    7.4   192.8       82    8.1   173.3      149    8.1   173.7
 16    7.3   192.1       83    8.4   173.0      150    7.9   173.4
 17    7.2   190.1       84    8.6   172.7      151    7.7   173.4
 18    7.2   188.6       85    8.6   172.1      152    7.7   173.8
 19    6.8   188.9       86    8.8   171.3      153    7.8   174.1
 20    6.6   189.1       87    9.0   170.1      154    8.0   174.1
 21    6.6   188.1       88    8.9   168.4      155    8.0   172.7
 22    6.9   189.2       89    8.8   166.5      156    8.0   170.1
 23    7.2   192.0       90    8.9   165.0      157    8.0   169.4
 24    7.4   194.8       91    9.2   163.8      158    7.9   168.6
 25    7.1   194.3       92    9.3   163.9      159    7.8   168.4
 26    6.5   188.9       93    9.3   164.7      160    7.7   168.1
 27    6.3   183.2       94    9.3   166.3      161    7.6   167.9
 28    6.4   179.7       95    9.2   167.4      162    7.6   167.8
 29    6.6   177.7       96    9.1   166.9      163    7.7   168.2
 30    6.9   175.3       97    9.1   166.3      164    7.8   168.6
 31    7.1   172.5       98    8.9   166.3      165    8.0   169.2
 32    7.5   167.2       99    8.8   166.3      166    8.2   171.1
 33    7.9   166.0      100    8.6   166.3      167    8.4   171.6
 34    8.0   165.8      101    8.6   165.8      168    8.6   170.9
 35    8.2   165.3      102    8.5   165.3      169    8.8   170.5
 36    8.2   164.4      103    8.5   164.9      170    9.0   170.3
 37    8.1   163.3      104    8.5   166.1      171    9.0   169.4
 38    7.8   163.5      105    8.5   167.3      172    8.9   167.8
 39    7.4   165.1      106    8.6   168.6      173    8.8   166.1
 40    7.4   166.0      107    8.7   169.4      174    8.8   164.0
 41    7.4   165.6      108    8.9   169.0      175    8.7   161.8
 42    7.2   166.7      109    9.1   168.8      176    8.5   160.5
 43    7.0   167.9      110    9.2   169.1      177    8.3   161.5
 44    6.8   169.4      111    9.0   168.9      178    8.1   162.5
 45    6.6   171.2      112    9.0   168.9      179    7.7   162.7
 46    6.5   173.2      113    8.9   169.6      180    7.5   163.7
 47    6.6   175.3      114    8.8   170.3      181    7.2   164.3
 48    6.7   176.6      115    8.7   171.0      182    7.0   165.5
 49    6.9   176.2      116    8.7   172.0      183    6.8   165.9
 50    7.2   177.3      117    8.6   173.1      184    6.7   165.5
 51    7.2   180.0      118    8.5   174.1      185    6.4   164.6
 52    7.2   184.0      119    8.4   173.5      186    6.3   164.2
 53    7.5   187.3      120    8.4   173.0      187    6.4   164.7
 54    7.7   187.5      121    8.3   173.0      188    6.6   165.4
 55    7.5   183.9      122    8.2   173.3      189    6.7   166.1
 56    7.5   180.2      123    8.1   173.7      190    6.7   166.3
 57    7.7   176.6      124    8.1   173.7      191    6.6   165.3
 58    7.9   174.2      125    8.2   173.6      192    6.6   163.4
 59    8.0   171.8      126    8.3   173.6      193    7.0   159.7
 60    7.8   170.9      127    8.2   173.9      194    7.1   160.3
 61    7.9   171.4      128    8.1   174.7      195    7.1   161.6
 62    8.0   173.3      129    8.0   175.2      196    7.1   162.2
 63    8.3   175.8      130    8.0   175.3      197    7.1   163.1
 64    8.5   178.0      131    8.0   175.4      198    7.2   164.4
 65    8.5   177.0      132    8.0   176.0
 66    8.2   175.9      133    7.9   177.0
```

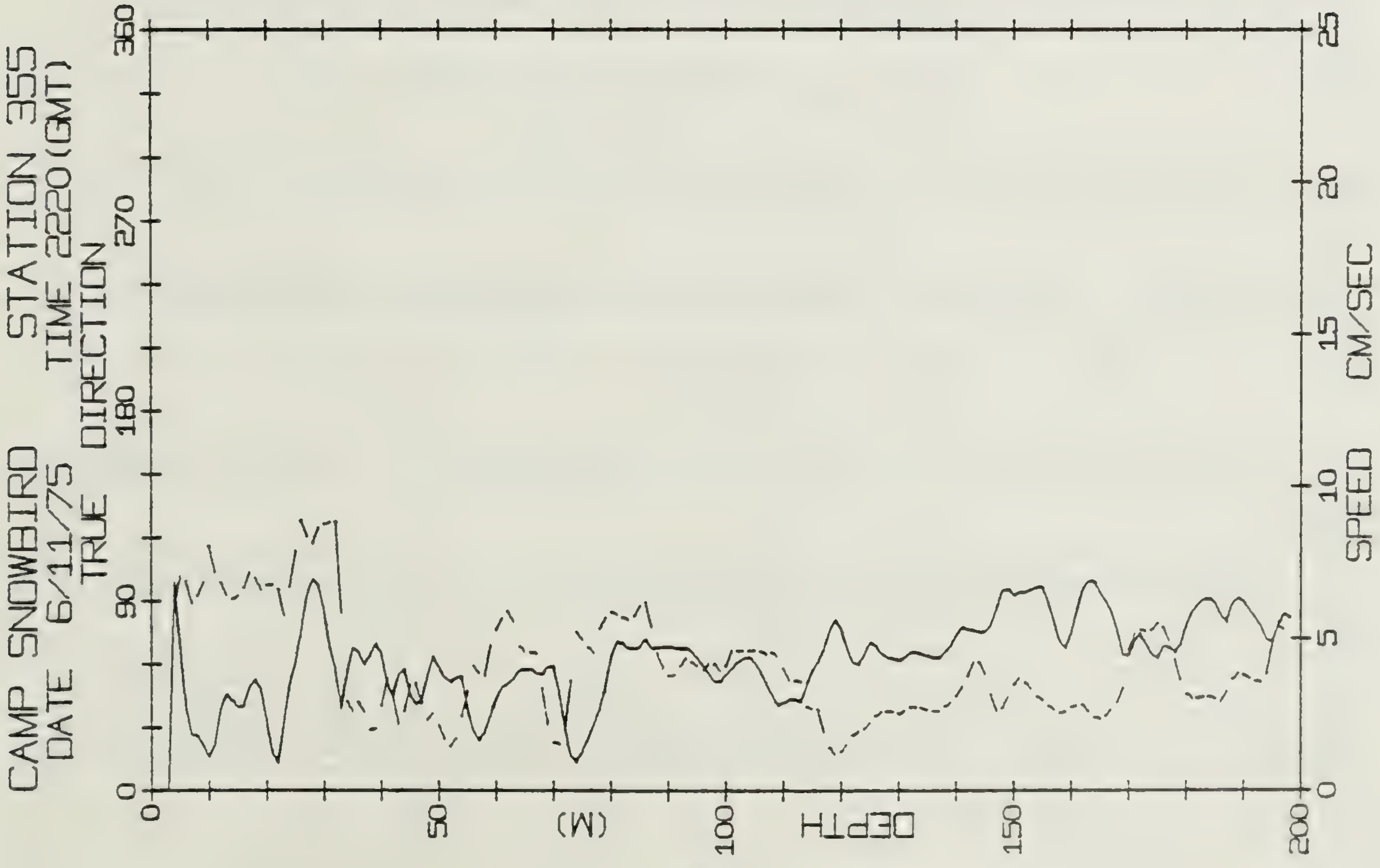

CAMP SNOWBIRD STATION 352
DATE 5/11/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 354
DATE 6/11/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 352     (200M.)       5/NOV/75        542 GMT
LAT= 73.5960N  LONG= 143.0476W  LTER=      0   LGER=      0.
NIVEL=    9.0  EIVEL=   -0.1    NVER=      0   EVER=      0

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   5.1   17.3     134   1.9   51.4
  1   0.0  999.9      68   4.5   17.3     135   1.7   53.3
  2   0.0  999.9      69   4.2   16.2     136   1.6   54.3
  3   0.0  999.9      70   4.3   17.8     137   1.3   49.2
  4   6.8   15.7      71   4.3   17.3     138   1.0   40.1
  5   6.5   17.3      72   4.3   17.9     139   0.9   13.3
  6   6.4   20.9      73   4.3   18.6     140   0.9  355.5
  7   6.3   23.6      74   4.3   19.8     141   1.0  345.0
  8   6.3   23.6      75   4.3   20.5     142   1.0  353.5
  9   6.2   23.0      76   4.3   21.2     143   1.0    8.8
 10   6.0   23.6      77   4.2   23.4     144   1.1   18.1
 11   5.7   22.5      78   4.4   26.7     145   1.3   25.5
 12   5.2   19.6      79   4.7   30.7     146   1.5   30.8
 13   4.9   16.3      80   5.0   36.4     147   1.5   30.1
 14   3.2   33.9      81   5.6   46.0     148   1.5   24.6
 15   2.8   48.1      82   5.3   50.8     149   1.6   22.0
 16   3.2   44.4      83   5.0   49.4     150   2.0   31.2
 17   3.4   42.6      84   4.7   45.7     151   2.2   36.7
 18   3.4   38.8      85   4.5   46.1     152   2.5   39.3
 19   3.3   34.5      86   4.6   46.3     153   2.5   30.9
 20   3.2   28.5      87   4.9   45.1     154   2.5   18.2
 21   3.2   26.7      88   5.0   45.1     155   2.4    9.2
 22   3.1   27.7      89   5.1   48.4     156   2.2   10.6
 23   2.8   29.3      90   5.2   53.0     157   2.1    6.5
 24   2.4   25.1      91   5.1   58.9     158   1.9    3.5
 25   2.3   15.1      92   4.9   65.3     159   2.0    2.7
 26   2.7  356.5      93   4.6   61.3     160   2.2    2.0
 27   3.4  350.4      94   4.3   57.5     161   2.3    1.6
 28   3.2    2.4      95   4.2   57.7     162   2.4    6.6
 29   3.1   21.0      96   4.2   60.1     163   2.2    8.0
 30   3.8   33.6      97   4.2   65.3     164   2.3    7.4
 31   5.1   34.5      98   4.2   68.8     165   2.3    6.5
 32   5.9   36.6      99   3.9   67.2     166   2.3    4.2
 33   6.5   38.6     100   3.5   62.1     167   2.6    1.6
 34   6.8   38.6     101   3.4   57.2     168   2.8    0.8
 35   7.0   38.8     102   3.5   49.1     169   2.8    0.6
 36   7.1   38.8     103   3.6   44.6     170   2.7    0.3
 37   7.2   37.9     104   3.6   43.0     171   2.7  359.9
 38   7.1   37.0     105   3.5   44.5     172   2.7    0.5
 39   7.3   37.0     106   3.4   43.5     173   2.5    2.4
 40   7.6   37.6     107   3.5   36.9     174   2.4    4.5
 41   8.0   38.0     108   3.7   32.7     175   2.4    6.9
 42   8.7   37.4     109   4.0   31.3     176   2.6    7.4
 43   9.1   36.7     110   4.3   32.5     177   2.9    6.1
 44   9.1   36.3     111   4.4   34.8     178   3.2    3.8
 45   8.9   36.1     112   4.3   35.7     179   3.5    1.9
 46   8.6   37.1     113   4.1   36.1     180   3.6    0.5
 47   8.2   37.7     114   3.8   36.4     181   3.6  358.8
 48   8.3   36.8     115   3.6   36.8     182   3.6    0.8
 49   8.5   35.9     116   3.6   36.8     183   3.7    2.9
 50   8.7   35.8     117   3.5   37.1     184   3.7    3.8
 51   8.4   37.7     118   3.4   36.6     185   3.8    3.2
 52   8.1   38.9     119   3.3   35.2     186   3.9    4.1
 53   7.8   39.5     120   3.3   31.4     187   3.9    6.9
 54   7.6   38.8     121   3.4   19.5     188   4.1    7.0
 55   7.4   38.2     122   3.7    9.6     189   3.8    6.4
 56   7.2   38.2     123   3.4    3.4     190   3.6    4.3
 57   7.0   38.2     124   3.1    0.1     191   3.6    3.3
 58   6.4   37.2     125   3.0    3.0     192   3.6    0.0
 59   5.7   34.4     126   2.9    4.6     193   3.4    1.2
 60   5.3   31.1     127   3.0    4.2     194   3.1    7.7
 61   5.0   29.2     128   2.9    5.4     195   3.2   13.0
 62   4.9   28.8     129   2.6   14.9     196   3.5   13.7
 63   5.0   26.3     130   2.4   26.7     197   3.4   12.3
 64   5.2   21.3     131   2.4   38.1     198   3.2    6.9
 65   5.6   17.9     132   2.2   44.9     199   3.1    0.1
 66   5.5   17.2     133   2.1   48.7     200   3.2  360.0
```

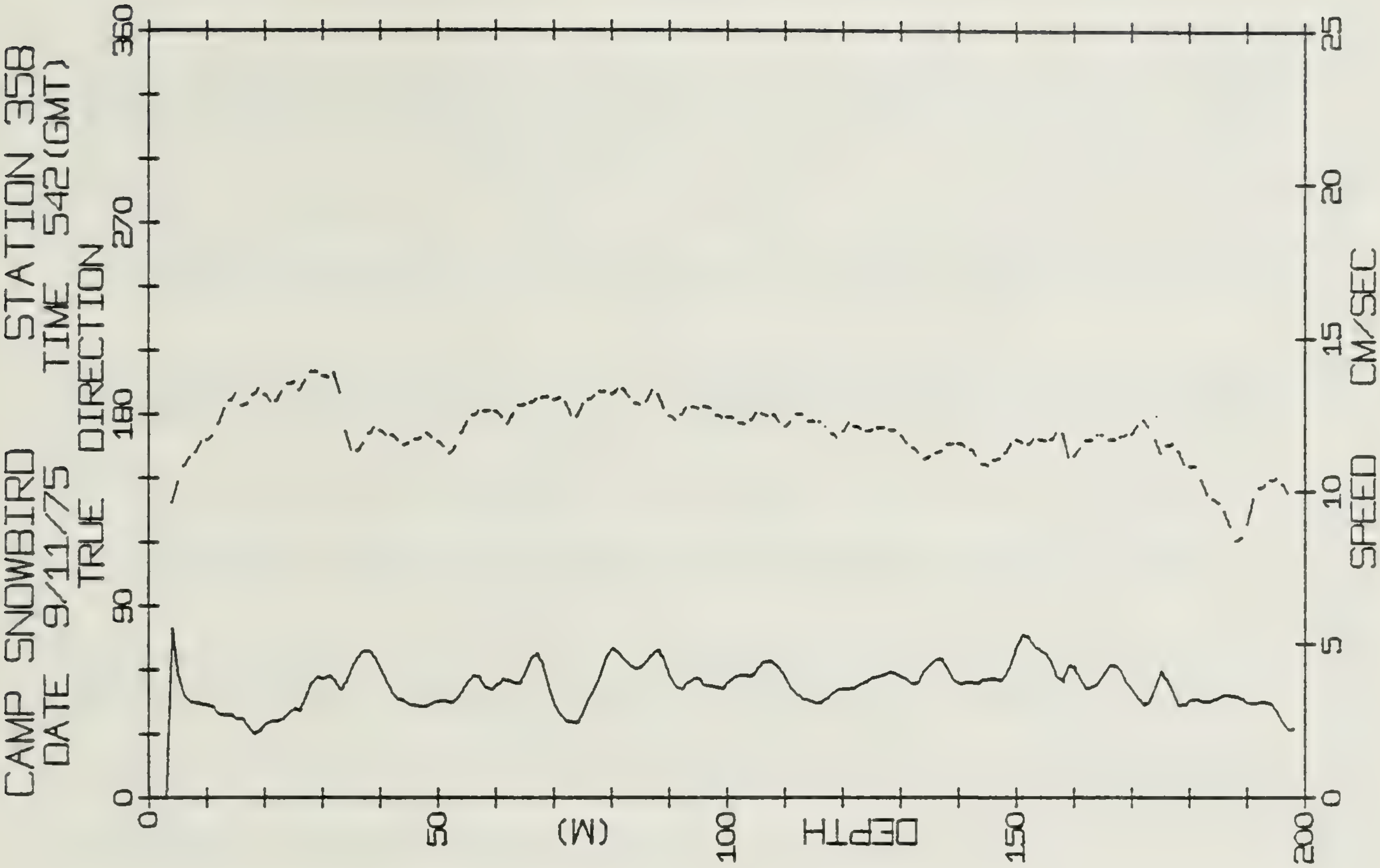
```
SNOWBIRD STATION 354     (200M.)       6/NOV/75        542 GMT
LAT= 73.6200N  LONG= 142.9567W  LTER=      1.  LGER=      2.
NIVEL=    4.8  EIVEL=    6.4    NVER=      0.  EVER=      0

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   1.3   64.9     134   0.8    9.6
  1   0.0  999.9      68   1.8   60.7     135   0.6   12.7
  2   0.0  999.9      69   2.1   58.3     136   0.5    6.2
  3   0.0  999.9      70   2.3   55.9     137   0.7   24.2
  4   3.9   93.1      71   2.4   52.6     138   0.9   50.6
  5   2.6   82.8      72   2.4   50.0     139   1.1   58.1
  6   2.1   73.1      73   2.4   48.3     140   1.1   65.7
  7   1.9   66.6      74   2.6   48.7     141   1.2   76.4
  8   1.6   68.5      75   2.8   50.9     142   1.8   80.5
  9   1.6   67.3      76   2.6   57.6     143   1.8   95.9
 10   1.9   67.0      77   2.4   70.3     144   1.9  101.3
 11   2.0   66.7      78   2.4   84.4     145   2.1   96.7
 12   1.9   69.9      79   2.5   89.3     146   2.0   92.0
 13   1.7   78.0      80   3.3   92.4     147   2.1   93.2
 14   1.6   82.5      81   4.0   91.5     148   2.4   94.7
 15   1.6   85.1      82   4.7   90.1     149   2.7   94.5
 16   1.7   84.5      83   5.2   87.6     150   2.7   91.0
 17   1.5   83.2      84   5.0   87.6     151   2.8   90.8
 18   1.2   74.1      85   4.4   87.2     152   2.8   91.7
 19   1.1   54.4      86   3.9   84.8     153   2.8   91.9
 20   1.2   39.8      87   3.4   80.1     154   2.8   89.2
 21   1.4   32.4      88   3.0   72.3     155   2.6   84.5
 22   1.6   29.9      89   2.8   60.8     156   2.6   82.1
 23   1.5   23.3      90   2.8   56.6     157   2.6   83.5
 24   1.9   20.5      91   2.5   59.1     158   2.3   86.8
 25   2.2   30.5      92   2.3   60.5     159   2.0   89.5
 26   2.6   41.1      93   2.5   54.1     160   1.9   92.9
 27   2.8   45.0      94   2.7   47.9     161   1.9   91.5
 28   3.0   47.2      95   2.6   52.3     162   2.0   86.7
 29   2.7   52.1      96   2.5   64.8     163   2.3   79.0
 30   2.6   55.9      97   2.5   76.8     164   2.6   72.9
 31   2.5   57.8      98   2.3   85.7     165   2.9   71.1
 32   2.5   64.2      99   2.3   85.9     166   3.2   69.3
 33   2.4   74.3     100   2.3   81.2     167   3.3   70.2
 34   2.1   80.1     101   2.1   75.6     168   3.3   70.5
 35   2.1   76.0     102   1.7   71.7     169   3.3   69.1
 36   2.1   71.5     103   1.3   59.4     170   3.5   68.0
 37   2.1   74.6     104   1.1   38.1     171   3.5   66.3
 38   2.3   84.4     105   1.4   18.4     172   3.3   65.7
 39   2.7   91.3     106   1.8   18.0     173   3.1   67.1
 40   3.1   93.3     107   2.1   22.4     174   3.1   67.6
 41   3.3   90.8     108   2.4   29.1     175   3.1   68.2
 42   3.4   86.7     109   2.5   32.5     176   3.2   68.5
 43   3.4   85.3     110   2.5   33.9     177   3.3   66.0
 44   3.3   88.5     111   2.2   32.1     178   3.0   58.1
 45   3.4   90.4     112   2.1   37.7     179   2.9   46.1
 46   3.3   92.7     113   2.4   44.0     180   3.2   38.1
 47   3.2   95.7     114   2.5   49.6     181   3.3   39.7
 48   3.0   98.0     115   2.3   48.2     182   3.3   42.7
 49   2.9   96.3     116   1.8   46.3     183   3.0   44.5
 50   2.9   94.7     117   1.5   45.5     184   2.9   47.9
 51   3.1   94.1     118   1.7   43.7     185   3.0   50.0
 52   3.1   96.9     119   1.9   42.3     186   3.2   50.6
 53   3.1   99.0     120   2.0   41.4     187   3.3   49.2
 54   3.1  100.3     121   1.9   34.5     188   3.1   46.3
 55   3.2  102.2     122   1.8   30.0     189   3.1   40.3
 56   3.4   99.4     123   1.7   28.4     190   3.1   34.6
 57   3.7   96.2     124   1.7   24.8     191   3.1   32.9
 58   3.7   94.2     125   1.7   25.9     192   3.1   29.4
 59   3.4   91.1     126   1.9   32.2     193   3.2   24.0
 60   3.0   79.0     127   1.9   40.8     194   3.3   22.6
 61   2.8   63.0     128   1.9   40.9     195   3.2   18.8
 62   2.7   44.3     129   1.5   27.2     196   3.0   12.3
 63   2.7   30.1     130   1.2    9.8     197   2.9    7.9
 64   2.3   29.1     131   1.0  359.0     198   2.6   10.0
 65   1.6   36.9     132   0.9  353.6     199   2.5   17.4
 66   1.3   47.3     133   0.8    1.2     200   2.5   17.4
```

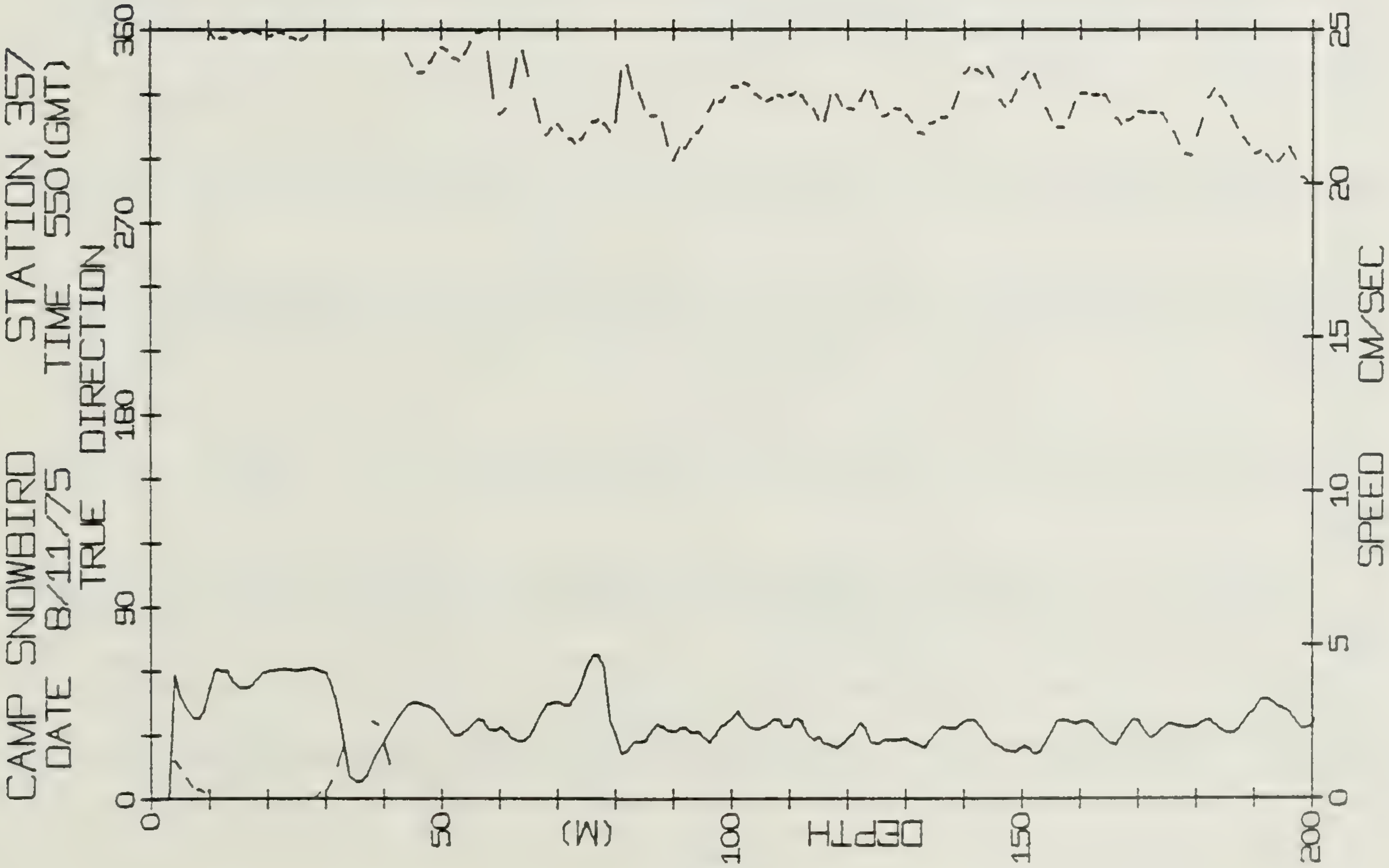

CAMP SNOWBIRD
STATION 356
DATE 7/11/75
TIME 547(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 355
DATE 6/11/75
TIME 2220(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 355     (198M )      6/NOV/75      2220 GMT
LAT= 73.6595N  LONG= 142.7613W  LTER=     1.  LGER=     1.
NIVEL=    5.0  EIVEL=   11.7    NVER=     0   EVER=     0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   3.9   64.9      134   4.5   38.8
  1   0.0  999.9       68   3.8   48.8      135   4.4   38.1
  2   0.0  999.9       69   4.1   32.1      136   4.4   37.5
  3   0.0  999.9       70   4.1   23.2      137   4.4   37.5
  4   6.9   86.9       71   3.3   22.2      138   4.5   39.7
  5   4.8  101.9       72   2.1   27.9      139   4.7   41.8
  6   2.8   99.6       73   1.2   52.5      140   5.1   44.9
  7   1.8   88.9       74   0.9   75.4      141   5.4   49.0
  8   1.8   92.6       75   1.3   71.8      142   5.3   54.2
  9   1.5   98.8       76   1.7   67.9      143   5.3   60.6
 10   1.1  115.9       77   2.2   65.7      144   5.2   61.3
 11   1.5  104.1       78   2.7   77.0      145   5.2   55.5
 12   2.7   99.1       79   3.4   81.8      146   5.4   45.8
 13   3.2   92.7       80   4.4   84.8      147   6.0   38.1
 14   3.0   91.2       81   4.9   83.5      148   6.6   39.1
 15   2.8   92.6       82   4.8   82.1      149   6.6   44.4
 16   2.8   96.4       83   4.7   80.9      150   6.4   50.3
 17   3.4  103.2       84   4.6   82.7      151   6.5   53.5
 18   3.7  101.1       85   4.7   87.4      152   6.5   51.3
 19   3.3   95.4       86   5.0   89.2      153   6.6   48.3
 20   2.3   97.5       87   4.7   77.8      154   6.7   44.9
 21   1.2   97.8       88   4.7   65.4      155   6.7   42.7
 22   0.9   95.7       89   4.7   58.6      156   6.2   40.1
 23   2.2   83.3       90   4.8   54.7      157   5.6   38.5
 24   3.5   96.8       91   4.7   55.2      158   4.9   36.9
 25   4.2  113.5       92   4.7   58.9      159   4.7   37.5
 26   5.2  128.0       93   4.7   62.7      160   5.2   39.5
 27   6.4  120.8       94   4.6   60.9      161   5.9   40.5
 28   7.0  117.6       95   4.4   59.2      162   6.6   40.8
 29   6.8  124.4       96   4.1   57.3      163   6.9   37.5
 30   6.0  126.7       97   3.9   59.8      164   6.9   34.9
 31   4.7  127.5       98   3.6   60.4      165   6.5   33.9
 32   4.0  127.6       99   3.6   57.0      166   6.2   35.6
 33   2.7   84.7      100   3.8   59.0      167   5.9   38.6
 34   3.9   42.2      101   4.0   66.1      168   5.3   41.8
 35   4.7   37.7      102   4.2   66.4      169   4.5   48.6
 36   4.6   41.6      103   4.3   66.4      170   4.4   66.6
 37   4.1   37.3      104   4.4   66.4      171   4.9   74.3
 38   4.4   29.1      105   4.2   66.4      172   5.2   76.0
 39   4.8   29.8      106   3.9   65.9      173   4.8   75.7
 40   4.5   40.2      107   3.5   64.7      174   4.5   76.2
 41   3.6   53.4      108   3.2   65.5      175   4.3   79.1
 42   3.1   46.0      109   2.8   63.5      176   4.7   77.7
 43   3.8   31.7      110   2.9   58.1      177   4.7   70.9
 44   4.0   37.8      111   3.0   52.5      178   4.5   62.1
 45   3.2   50.4      112   3.0   52.0      179   4.8   52.6
 46   2.9   51.1      113   2.9   51.4      180   5.4   45.8
 47   3.0   41.8      114   3.4   39.9      181   5.9   44.1
 48   3.7   34.1      115   3.9   38.8      182   6.1   44.1
 49   4.4   36.6      116   4.2   38.2      183   6.3   44.6
 50   4.1   31.4      117   4.7   28.2      184   6.3   44.5
 51   3.7   24.9      118   5.3   20.6      185   6.2   43.2
 52   3.6   21.3      119   5.6   17.6      186   5.8   42.0
 53   3.7   24.9      120   5.4   18.6      187   5.5   46.6
 54   3.8   35.4      121   4.7   22.0      188   6.1   52.7
 55   2.7   47.2      122   4.2   26.4      189   6.3   55.3
 56   2.0   59.1      123   4.1   28.2      190   6.2   54.5
 57   1.7   55.8      124   4.5   29.4      191   5.9   53.1
 58   1.9   54.7      125   4.9   32.1      192   5.7   51.7
 59   2.5   68.8      126   4.8   35.6      193   5.4   51.3
 60   3.0   76.5      127   4.5   37.3      194   5.0   55.1
 61   3.4   81.9      128   4.4   37.8      195   4.9   69.9
 62   3.5   85.1      129   4.3   37.1      196   5.4   78.1
 63   3.7   80.3      130   4.3   36.4      197   5.8   76.2
 64   3.9   68.3      131   4.4   37.7      198   5.7   69.4
 65   4.0   66.1      132   4.5   39.5
 66   4.0   65.5      133   4.5   39.5
```

```
SNOWBIRD STATION 356     (198M. )     7/NOV/75       547 GMT
LAT= 73.6732N  LONG= 142.6941W  LTER=     1.  LGER=     2.
NIVEL=    8.3  EIVEL=    4.5    NVER=     0.  EVER=     0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   3.7  344.9      134   3.3  346.3
  1   0.0  999.9       68   3.8  346.8      135   3.1  345.0
  2   0.0  999.9       69   4.0  349.3      136   2.9  346.1
  3   0.0  999.9       70   4.2  350.2      137   2.9  348.7
  4   3.4   12.4       71   4.4  350.7      138   2.9  349.4
  5   2.6  355.9       72   4.6  350.5      139   2.9  348.8
  6   2.8  351.6       73   4.8  349.8      140   2.9  347.4
  7   3.1  354.0       74   4.8  350.1      141   2.9  346.8
  8   3.3  356.5       75   4.7  350.4      142   2.6  341.6
  9   3.1  353.1       76   4.5  351.4      143   2.6  340.7
 10   2.9  349.3       77   4.0  353.3      144   2.8  344.5
 11   2.9  350.2       78   3.6  357.5      145   3.0  349.0
 12   3.1  356.0       79   3.6    3.5      146   3.2  354.3
 13   2.8  353.2       80   3.5    4.8      147   3.1  357.7
 14   2.6  346.4       81   3.3    2.1      148   2.8  357.4
 15   2.5  343.3       82   3.5    3.9      149   2.5  354.5
 16   2.4  340.1       83   3.8    4.9      150   2.3  353.3
 17   2.7  348.8       84   3.7    1.2      151   2.5    0.6
 18   3.1  352.4       85   3.6  357.1      152   2.9    5.2
 19   3.4  349.8       86   3.7  355.5      153   3.2    8.3
 20   3.5  345.1       87   3.8  357.1      154   3.4   10.0
 21   3.5  341.1       88   3.9  358.9      155   3.5    9.5
 22   3.4  340.3       89   3.8  358.3      156   3.3    5.5
 23   3.2  341.4       90   3.9  359.6      157   3.0  359.9
 24   3.6  340.7       91   4.0    2.4      158   2.8  353.4
 25   3.8  345.8       92   3.9    5.2      159   2.6  350.8
 26   3.8  347.9       93   3.7    4.6      160   2.8  356.1
 27   3.8  347.9       94   3.6    3.0      161   3.0    2.5
 28   3.5  357.0       95   3.4    0.6      162   3.1    4.6
 29   3.1  358.0       96   3.4  358.2      163   3.1    4.7
 30   2.8  355.5       97   3.4  356.4      164   3.1    3.7
 31   2.9  355.4       98   3.6  355.7      165   3.0    2.2
 32   2.3  346.5       99   3.6  355.5      166   3.0    1.8
 33   1.7  303.2      100   3.6  355.6      167   3.1    3.0
 34   1.7  278.0      101   3.5  354.2      168   3.4    6.1
 35   1.6  272.0      102   3.5  353.6      169   3.7   10.5
 36   1.4  283.8      103   3.6  355.8      170   3.8   13.3
 37   1.0  309.8      104   3.8  359.4      171   3.5   11.4
 38   0.8    0.5      105   3.9    2.2      172   3.3    6.9
 39   1.3   25.2      106   4.0    2.0      173   3.5    5.8
 40   1.5   25.8      107   4.0    1.2      174   3.6    2.1
 41   1.2   19.1      108   4.0  358.8      175   3.6  359.2
 42   1.2   14.2      109   3.9  355.4      176   3.5  358.1
 43   1.6  358.0      110   3.8  353.6      177   3.5    1.9
 44   1.9  342.5      111   3.7  353.3      178   3.5    5.4
 45   2.0  339.2      112   3.5  355.7      179   3.4    6.8
 46   2.2  344.0      113   3.4  358.9      180   3.2  [illegible]
 47   2.4  348.2      114   3.2    2.2      181   3.1  [illegible]
 48   2.2  342.3      115   3.2    3.1      182   3.0  [illegible]
 49   2.2  337.8      116   3.1    2.8      183   2.8  [illegible]
 50   2.4  351.4      117   3.0    1.8      184   2.8  [illegible]
 51   2.4  348.9      118   2.9    0.9      185   2.9  [illegible]
 52   2.7  349.6      119   2.9  359.0      186   2.8   10.5
 53   2.8    1.9      120   2.9  357.3      187   2.9   15.7
 54   3.0   12.6      121   2.9  354.4      188   3.0   20.0
 55   2.4   21.4      122   2.8  352.3      189   3.4   22.2
 56   2.0   45.2      123   2.7  349.0      190   3.7   19.0
 57   2.1   59.7      124   2.7  348.5      191   4.1   15.4
 58   2.0   72.4      125   2.8  352.4      192   4.5   15.3
 59   2.0   85.3      126   2.9  354.6      193   4.5   16.4
 60   2.5   70.8      127   2.9  353.2      194   4.4   16.3
 61   2.4   50.0      128   2.9  351.5      195   4.2   14.5
 62   2.1    7.6      129   2.9  351.3      196   4.1   12.7
 63   2.6  358.2      130   3.0  353.3      197   4.2   11.2
 64   2.9  356.8      131   3.2  354.5      198   4.3    8.5
 65   3.3  348.2      132   3.4  353.4
 66   3.6  344.8      133   3.3  349.1
```


CAMP SNOWBIRD STATION 358
DATE 9/11/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

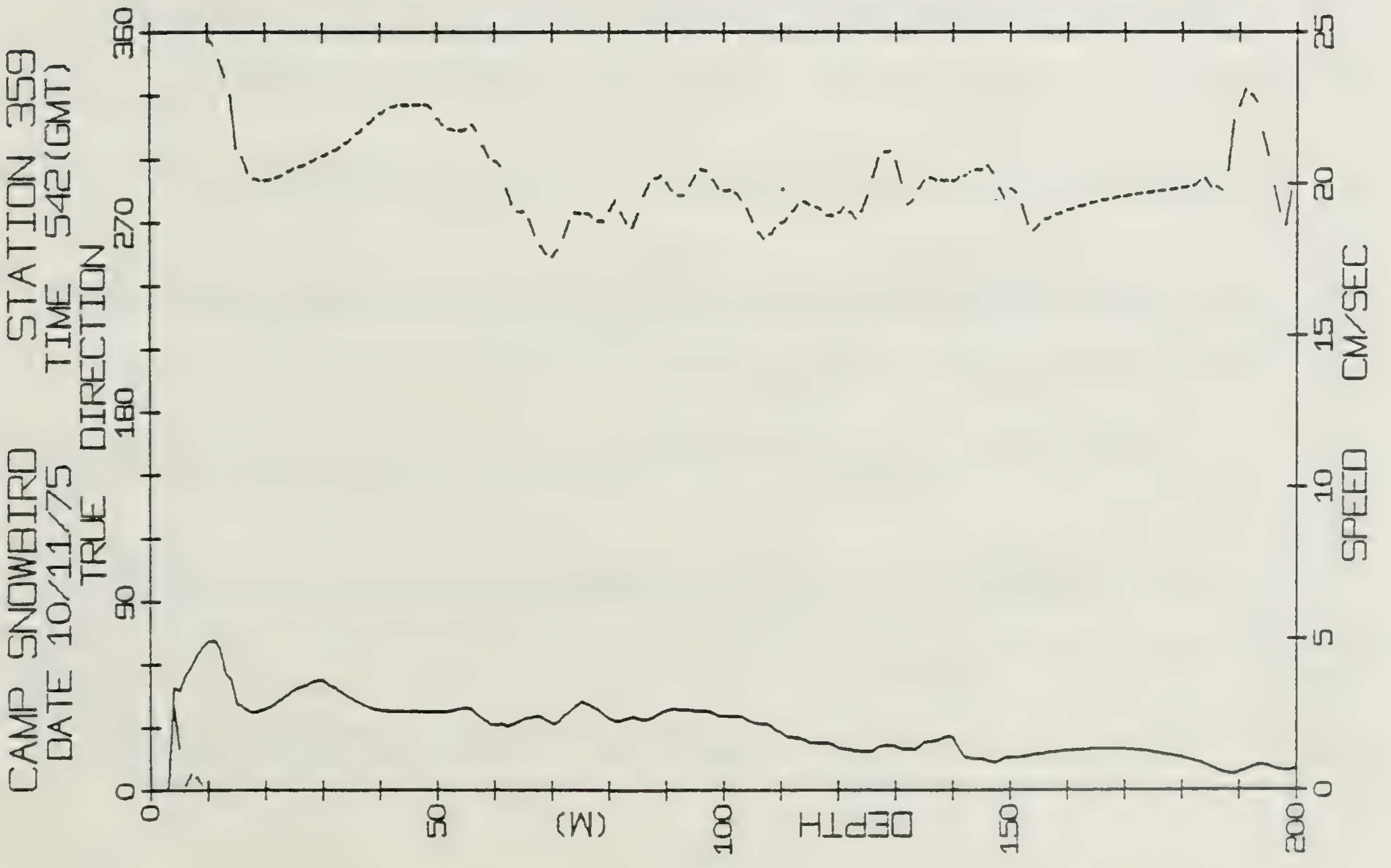

CAMP SNOWBIRD STATION 357
DATE 8/11/75 TIME 550(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

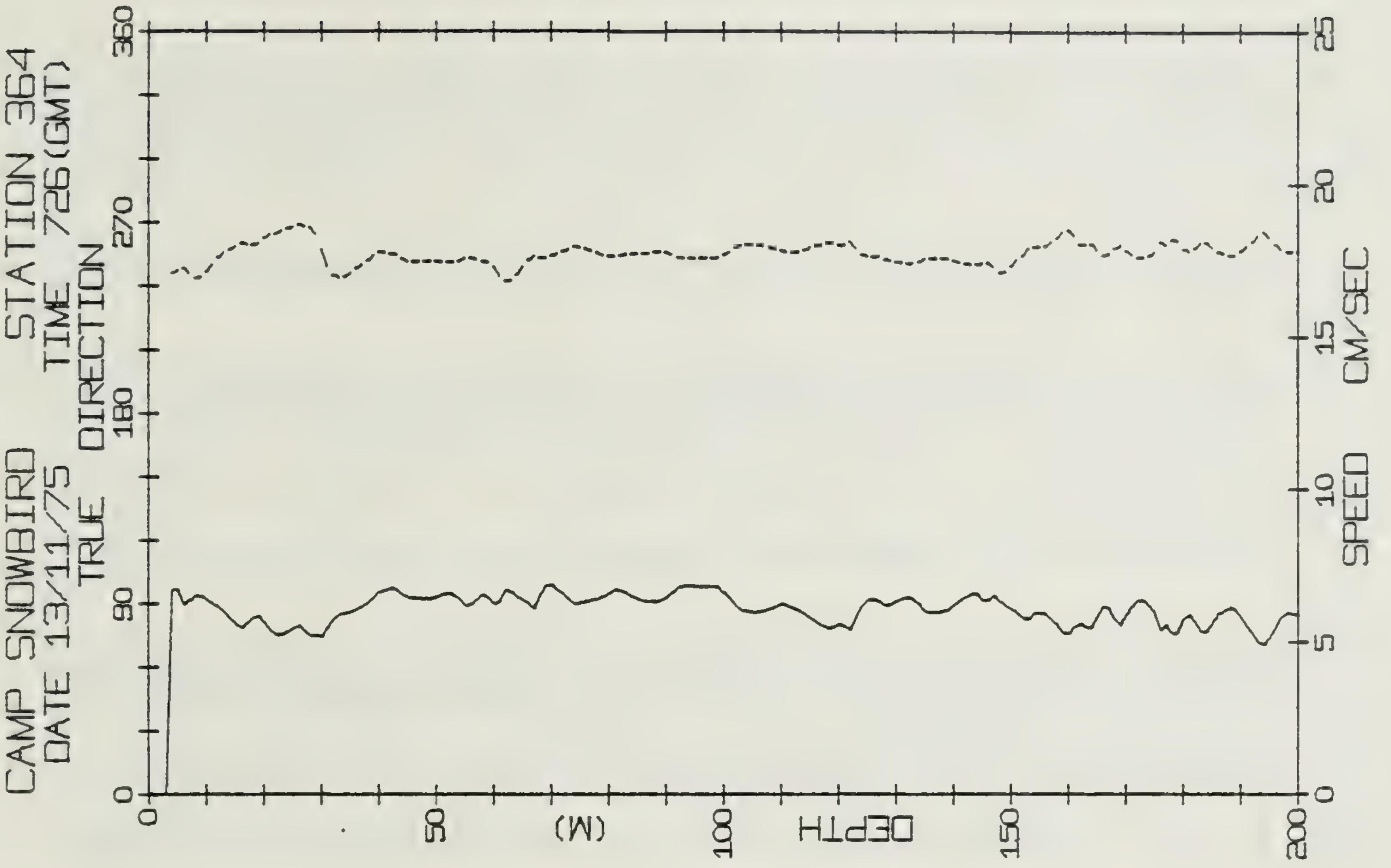
SNOWBIRD STATION 357 (200M.) 8/NOV/75 550 GMT
LAT= 73.7039N LONG= 142.6604W LTER= 0 LGER= 0.
NIVEL= 6.1 EIVEL= -1.0 NVER= 0 EVER= 0.

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	2.8	316.6	134	1.9	315.8
1	0.0	999.9	68	3.1	311.0	135	2.1	317.2
2	0.0	999.9	69	3.1	313.8	136	2.3	318.9
3	0.0	999.9	70	3.1	315.4	137	2.3	319.2
4	4.0	17.8	71	3.0	312.8	138	2.3	323.2
5	3.3	14.4	72	3.1	309.2	139	2.4	331.0
6	3.0	9.6	73	3.3	307.2	140	2.5	339.8
7	2.7	5.8	74	3.7	308.7	141	2.6	342.6
8	2.6	4.4	75	4.3	312.6	142	2.5	341.4
9	2.8	3.2	76	4.6	316.7	143	2.3	339.5
10	3.6	359.9	77	4.7	318.0	144	2.0	342.5
11	4.2	356.3	78	4.3	316.1	145	1.8	337.6
12	4.2	356.5	79	2.6	312.5	146	1.7	327.4
13	4.2	356.4	80	2.1	316.8	147	1.6	324.0
14	3.8	358.8	81	1.5	340.7	148	1.5	326.4
15	3.6	359.7	82	1.6	343.3	149	1.6	332.0
16	3.6	359.0	83	1.8	332.7	150	1.7	337.1
17	3.7	359.5	84	1.9	330.5	151	1.7	340.2
18	3.9	359.3	85	1.9	323.2	152	1.5	338.9
19	4.1	357.9	86	2.2	319.8	153	1.5	332.8
20	4.2	357.0	87	2.4	319.5	154	1.8	323.4
21	4.2	357.8	88	2.3	316.7	155	2.2	317.5
22	4.2	358.8	89	2.2	306.0	156	2.5	314.3
23	4.2	358.3	90	2.2	299.3	157	2.6	313.8
24	4.2	356.6	91	2.3	304.7	158	2.5	318.5
25	4.2	355.4	92	2.3	304.9	159	2.4	326.6
26	4.2	355.4	93	2.1	308.8	160	2.5	330.1
27	4.3	357.6	94	2.2	311.6	161	2.5	330.3
28	4.2	0.6	95	2.0	315.0	162	2.4	329.4
29	4.2	3.0	96	1.9	321.8	163	2.2	329.6
30	4.1	3.9	97	2.0	327.2	164	2.0	329.9
31	3.7	8.0	98	2.3	326.5	165	1.8	326.1
32	3.0	15.2	99	2.5	328.7	166	1.7	318.5
33	2.0	24.4	100	2.6	333.3	167	2.0	315.7
34	0.7	10.9	101	2.9	333.5	168	2.3	317.6
35	0.6	339.8	102	2.5	335.0	169	2.6	319.0
36	0.6	347.7	103	2.3	334.0	170	2.5	321.6
37	0.8	18.0	104	2.3	330.1	171	2.2	321.0
38	1.2	36.3	105	2.3	328.0	172	2.0	321.4
39	1.6	34.7	106	2.4	327.0	173	2.1	321.1
40	1.9	26.4	107	2.6	328.0	174	2.3	320.6
41	2.2	16.6	108	2.6	329.3	175	2.4	316.3
42	2.5	5.6	109	2.4	328.1	176	2.4	312.3
43	2.8	355.6	110	2.3	329.7	177	2.3	306.6
44	3.0	348.7	111	2.6	331.0	178	2.3	301.9
45	3.2	343.3	112	2.5	329.3	179	2.3	301.0
46	3.1	340.1	113	2.1	325.2	180	2.4	310.3
47	3.0	340.3	114	1.9	322.9	181	2.5	318.4
48	3.0	344.8	115	2.0	317.9	182	2.6	328.3
49	2.8	348.9	116	1.8	317.3	183	2.4	332.1
50	2.6	351.9	117	1.7	329.2	184	2.3	329.0
51	2.3	350.4	118	1.7	329.7	185	2.1	324.6
52	2.1	346.7	119	1.8	324.3	186	2.1	319.4
53	2.1	345.6	120	2.0	323.3	187	2.2	313.8
54	2.2	348.6	121	2.2	322.4	188	2.5	309.7
55	2.4	354.2	122	2.5	326.6	189	2.7	305.9
56	2.6	358.6	123	2.3	331.3	190	2.9	302.2
57	2.6	359.5	124	1.8	330.9	191	3.2	303.4
58	2.3	349.6	125	1.8	323.8	192	3.2	301.4
59	2.2	328.2	126	1.9	319.6	193	3.1	298.2
60	2.3	320.6	127	1.9	320.6	194	3.0	298.5
61	2.2	323.0	128	1.9	323.2	195	2.9	301.6
62	2.0	333.2	129	2.0	322.3	196	2.8	304.8
63	1.9	345.2	130	1.9	319.9	197	2.5	299.7
64	1.9	349.9	131	1.8	316.6	198	2.3	291.0
65	2.0	338.5	132	1.8	311.9	199	2.3	289.4
66	2.4	327.7	133	1.6	310.9	200	2.4	285.1

SNOWBIRD STATION 358 (198M.) 9/NOV/75 542 GMT
LAT= 73.7034N LONG= 142.6327W LTER= 0. LGER= 0.
NIVEL= -6.0 EIVEL= 5.7 NVER= 0. EVER= 0.

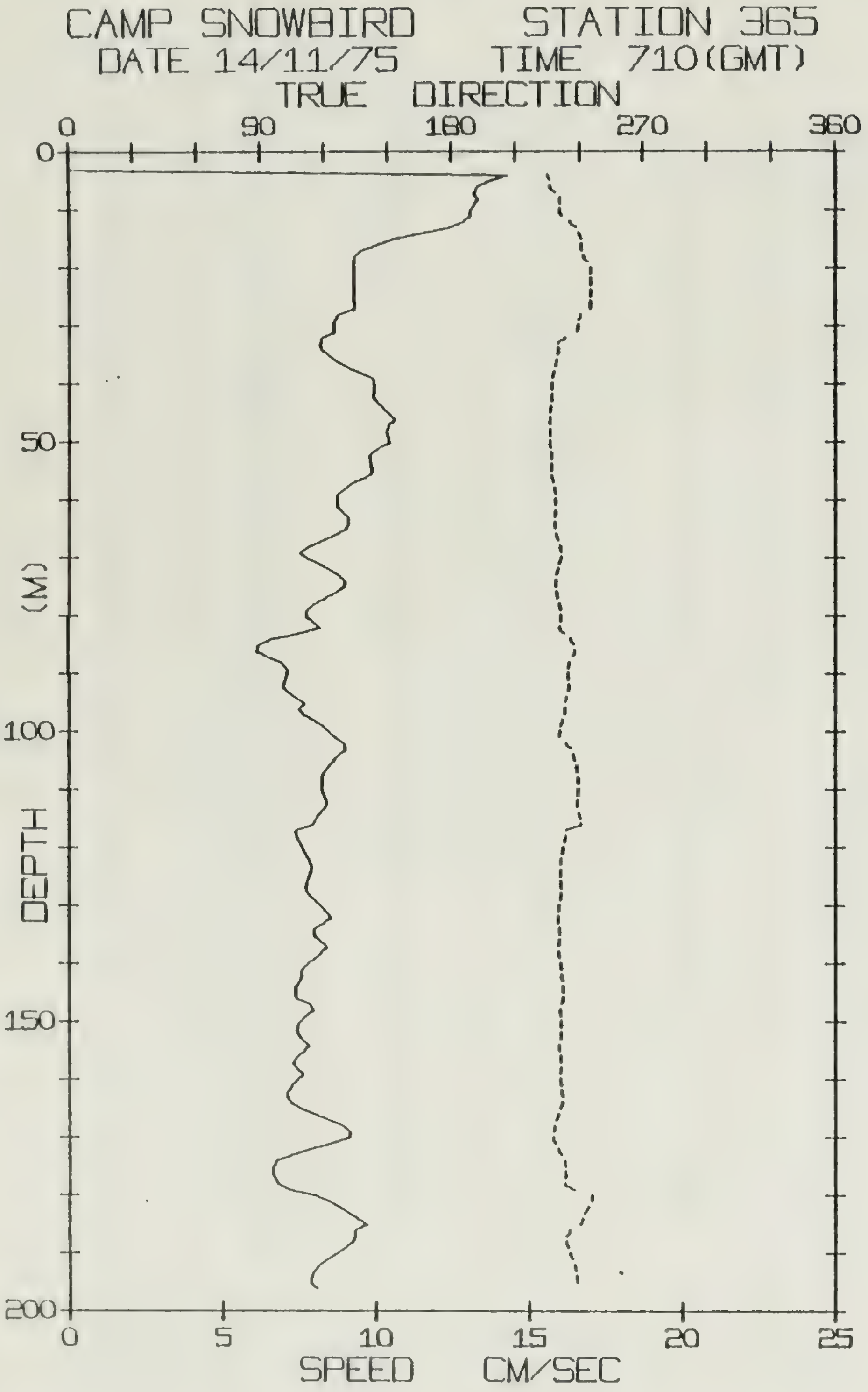
DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.7	187.5	134	4.2	159.5
1	0.0	999.9	68	4.4	188.3	135	4.3	160.6
2	0.0	999.9	69	3.7	188.8	136	4.5	162.2
3	0.0	999.9	70	3.1	187.2	137	4.5	163.4
4	5.5	138.9	71	2.7	188.1	138	4.2	166.4
5	4.0	148.1	72	2.5	186.0	139	3.9	166.8
6	3.4	155.8	73	2.5	179.6	140	3.7	166.9
7	3.1	159.8	74	2.4	179.0	141	3.8	165.1
8	3.1	162.3	75	2.8	184.8	142	3.8	164.1
9	3.0	166.9	76	3.2	187.2	143	3.7	161.1
10	3.0	168.2	77	3.6	189.0	144	3.8	157.1
11	2.9	170.0	78	4.0	190.9	145	3.9	156.3
12	2.7	175.5	79	4.6	191.2	146	3.9	158.9
13	2.7	182.4	80	4.9	189.9	147	3.8	159.8
14	2.7	186.8	81	4.8	192.0	148	4.0	161.9
15	2.6	189.8	82	4.5	192.2	149	4.3	166.3
16	2.6	184.5	83	4.3	188.3	150	4.9	168.1
17	2.3	185.3	84	4.2	185.6	151	5.3	166.7
18	2.1	189.4	85	4.3	184.4	152	5.2	166.2
19	2.2	192.2	86	4.4	186.3	153	4.9	168.7
20	2.4	189.7	87	4.7	191.5	154	4.8	168.3
21	2.5	186.3	88	4.8	189.4	155	4.7	167.9
22	2.5	186.6	89	4.5	183.5	156	4.4	168.6
23	2.6	191.0	90	4.0	179.3	157	3.9	172.0
24	2.7	194.5	91	3.6	177.5	158	3.8	171.3
25	2.9	195.2	92	3.5	179.8	159	4.3	160.7
26	2.8	191.8	93	3.7	183.6	160	4.2	160.8
27	3.3	195.7	94	3.9	183.9	161	3.9	164.4
28	3.7	200.1	95	3.9	182.8	162	3.6	168.0
29	3.9	200.3	96	3.7	183.8	163	3.6	168.3
30	3.9	198.1	97	3.6	183.2	164	3.7	170.5
31	4.0	197.3	98	3.6	179.8	165	4.0	170.6
32	3.8	199.3	99	3.5	178.5	166	4.3	168.5
33	3.5	190.5	100	3.7	178.8	167	4.3	168.8
34	3.7	172.1	101	3.9	178.2	168	4.2	169.8
35	4.2	163.2	102	4.0	176.3	169	3.8	170.9
36	4.6	163.0	103	4.0	175.2	170	3.5	171.5
37	4.8	166.3	104	4.0	177.6	171	3.2	175.3
38	4.8	171.0	105	4.2	180.6	172	3.0	177.3
39	4.6	173.8	106	4.4	180.2	173	3.1	173.9
40	4.2	172.4	107	4.5	179.0	174	3.6	168.5
41	3.8	170.4	108	4.4	179.7	175	4.1	161.9
42	3.4	170.4	109	4.2	176.6	176	3.9	165.6
43	3.2	168.0	110	3.9	174.6	177	3.5	166.8
44	3.1	165.9	111	3.6	176.7	178	3.0	163.4
45	3.0	166.9	112	3.4	180.2	179	3.0	156.9
46	3.0	168.3	113	3.2	180.0	180	3.2	156.2
47	2.9	169.1	114	3.2	177.1	181	3.2	156.2
48	3.0	171.0	115	3.1	176.7	182	3.1	149.5
49	3.1	169.1	116	3.1	176.3	183	3.1	142.6
50	3.2	167.4	117	3.2	174.3	184	3.2	140.3
51	3.1	165.0	118	3.4	171.5	185	3.3	138.7
52	3.1	161.9	119	3.5	169.0	186	3.4	134.6
53	3.2	164.7	120	3.6	172.3	187	3.3	127.2
54	3.4	171.1	121	3.6	176.1	188	3.3	120.8
55	3.7	176.5	122	3.6	174.5	189	3.2	122.3
56	4.0	179.6	123	3.7	173.3	190	3.1	128.9
57	3.9	181.5	124	3.8	172.3	191	3.1	140.4
58	3.6	181.7	125	3.9	173.0	192	3.1	145.6
59	3.5	181.5	126	4.0	174.0	193	3.1	147.2
60	3.7	181.2	127	4.0	174.2	194	3.1	149.2
61	3.8	178.8	128	4.1	172.8	195	2.8	150.3
62	3.8	175.9	129	4.1	172.6	196	2.5	147.9
63	3.7	180.3	130	3.9	170.4	197	2.2	143.2
64	3.7	184.6	131	3.9	166.8	198	2.2	140.4
65	4.1	184.9	132	3.7	164.7			
66	4.5	185.9	133	3.8	162.4			

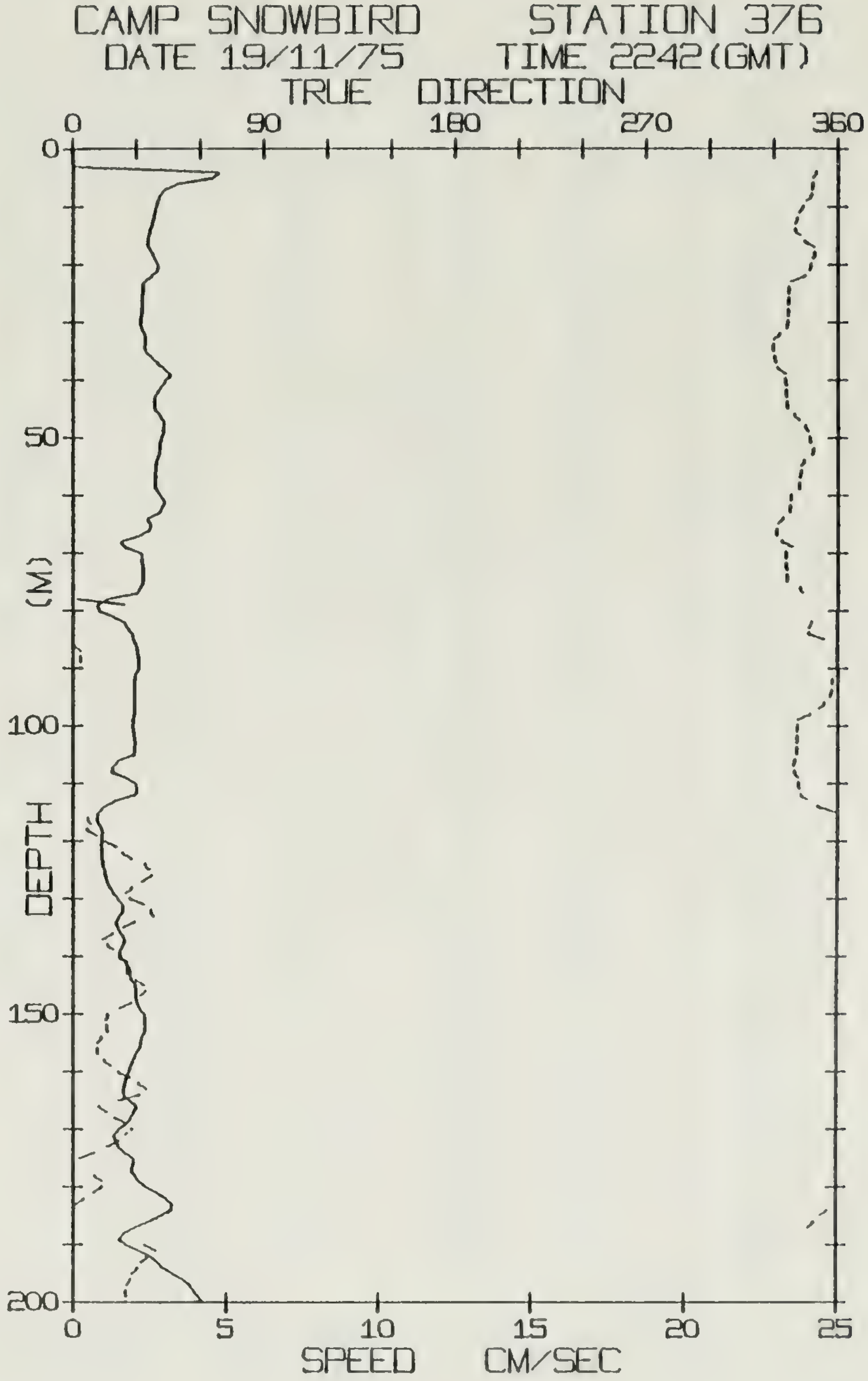

CAMP SNOWBIRD STATION 359
DATE 10/11/75 TIME 542(GMT)
TRUE DIRECTION


CAMP SNOWBIRD STATION 364
DATE 13/11/75 TIME 726(GMT)
TRUE DIRECTION

```
SNOWBIRD STATION 359     (200M.)      10/NOV/75        542 GMT
LAT= 73.7111N  LONG= 142.5445W  LTER=      1.   LGER=      2
NIVEL=   4.0   EIVEL=  -0.8     NVER=      0    EVER=      0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    2.5  264.1      134    1.4  286.0
  1    0.0  999.9       68    2.4  258.6      135    1.6  290.0
  2    0.0  999.9       69    2.3  254.9      136    1.6  291.1
  3    0.0  999.9       70    2.2  253.8      137    1.7  289.9
  4    3.4   40.4       71    2.3  257.2      138    1.7  289.7
  5    3.3   20.5       72    2.5  263.0      139    1.8  290.1
  6    3.8    2.6       73    2.6  270.6      140    1.7  289.5
  7    4.1    7.4       74    2.8  274.5      141    1.4  291.4
  8    4.5    6.3       75    2.9  274.0      142    1.1  292.2
  9    4.8    2.1       76    2.9  274.4      143    1.0  294.0
 10    4.9  358.3       77    2.7  272.8      144    1.0  294.9
 11    5.0  354.3       78    2.6  271.0      145    1.0  295.2
 12    4.7  347.3       79    2.5  270.2      146    0.9  296.7
 13    3.9  339.1       80    2.3  275.6      147    0.9  293.5
 14    3.6  330.8       81    2.3  280.1      148    1.0  286.3
 15    2.9  305.2       82    2.3  274.8      149    1.1  281.1
 16    2.7  301.2       83    2.4  270.0      150    1.1  285.7
 17    2.6  294.2       84    2.4  267.6      151    1.1  284.0
 18    2.6  290.9       85    2.3  273.8      152    1.1  278.4
 19    2.7  290.0       86    2.3  282.5      153    1.2  269.3
 20    2.7  290.2       87    2.4  288.4      154    1.2  266.5
 21    2.8  290.8       88    2.5  290.9      155    1.2  269.0
 22    2.9  291.6       89    2.6  292.3      156    1.2  271.3
 23    3.1  292.8       90    2.7  288.8      157    1.3  272.5
 24    3.2  294.3       91    2.7  285.2      158    1.3  273.7
 25    3.4  295.9       92    2.6  282.9      159    1.3  274.8
 26    3.4  296.8       93    2.7  282.6      160    1.3  275.8
 27    3.5  297.6       94    2.6  287.3      161    1.3  276.8
 28    3.6  299.1       95    2.6  292.0      162    1.4  277.6
 29    3.7  300.6       96    2.6  295.0      163    1.4  278.4
 30    3.6  301.8       97    2.6  294.4      164    1.4  279.2
 31    3.5  302.7       98    2.5  290.3      165    1.4  279.9
 32    3.4  304.2       99    2.4  286.2      166    1.4  280.5
 33    3.2  305.7      100    2.4  285.0      167    1.4  281.1
 34    3.1  307.6      101    2.4  285.4      168    1.4  281.6
 35    3.0  309.6      102    2.4  284.0      169    1.4  282.1
 36    2.9  312.0      103    2.4  280.8      170    1.3  282.6
 37    2.8  314.5      104    2.3  276.5      171    1.3  283.0
 38    2.7  317.0      105    2.2  270.5      172    1.3  283.5
 39    2.7  319.5      106    2.2  265.3      173    1.3  283.8
 40    2.6  321.7      107    2.2  262.1      174    1.3  284.2
 41    2.6  323.6      108    2.1  264.4      175    1.2  284.6
 42    2.6  325.0      109    2.0  267.3      176    1.2  284.9
 43    2.6  325.7      110    1.9  269.8      177    1.2  285.3
 44    2.6  325.7      111    1.8  271.7      178    1.1  285.6
 45    2.6  325.3      112    1.7  275.5      179    1.1  286.0
 46    2.6  325.7      113    1.7  278.5      180    1.0  286.4
 47    2.6  326.2      114    1.7  279.6      181    1.0  286.9
 48    2.6  326.0      115    1.6  278.2      182    0.9  287.4
 49    2.6  324.3      116    1.6  277.3      183    0.9  289.6
 50    2.6  319.2      117    1.6  275.7      184    0.8  290.5
 51    2.6  316.5      118    1.6  273.4      185    0.7  286.7
 52    2.6  314.2      119    1.5  272.8      186    0.7  286.3
 53    2.7  313.4      120    1.4  274.6      187    0.6  284.8
 54    2.7  313.2      121    1.4  277.2      188    0.5  294.8
 55    2.7  314.4      122    1.3  274.9      189    0.5  318.2
 56    2.6  316.2      123    1.3  272.1      190    0.6  325.3
 57    2.5  313.3      124    1.3  274.9      191    0.7  332.8
 58    2.3  306.2      125    1.3  282.4      192    0.8  330.9
 59    2.2  301.1      126    1.3  291.6      193    0.8  327.2
 60    2.2  299.1      127    1.5  300.5      194    0.8  312.3
 61    2.2  297.1      128    1.5  303.3      195    0.8  301.7
 62    2.1  286.3      129    1.5  303.9      196    0.7  286.8
 63    2.2  279.0      130    1.4  299.0      197    0.6  274.7
 64    2.3  275.2      131    1.4  288.5      198    0.6  268.5
 65    2.4  275.1      132    1.4  278.6      199    0.7  284.5
 66    2.4  271.6      133    1.4  280.7      200    0.7  296.4
```

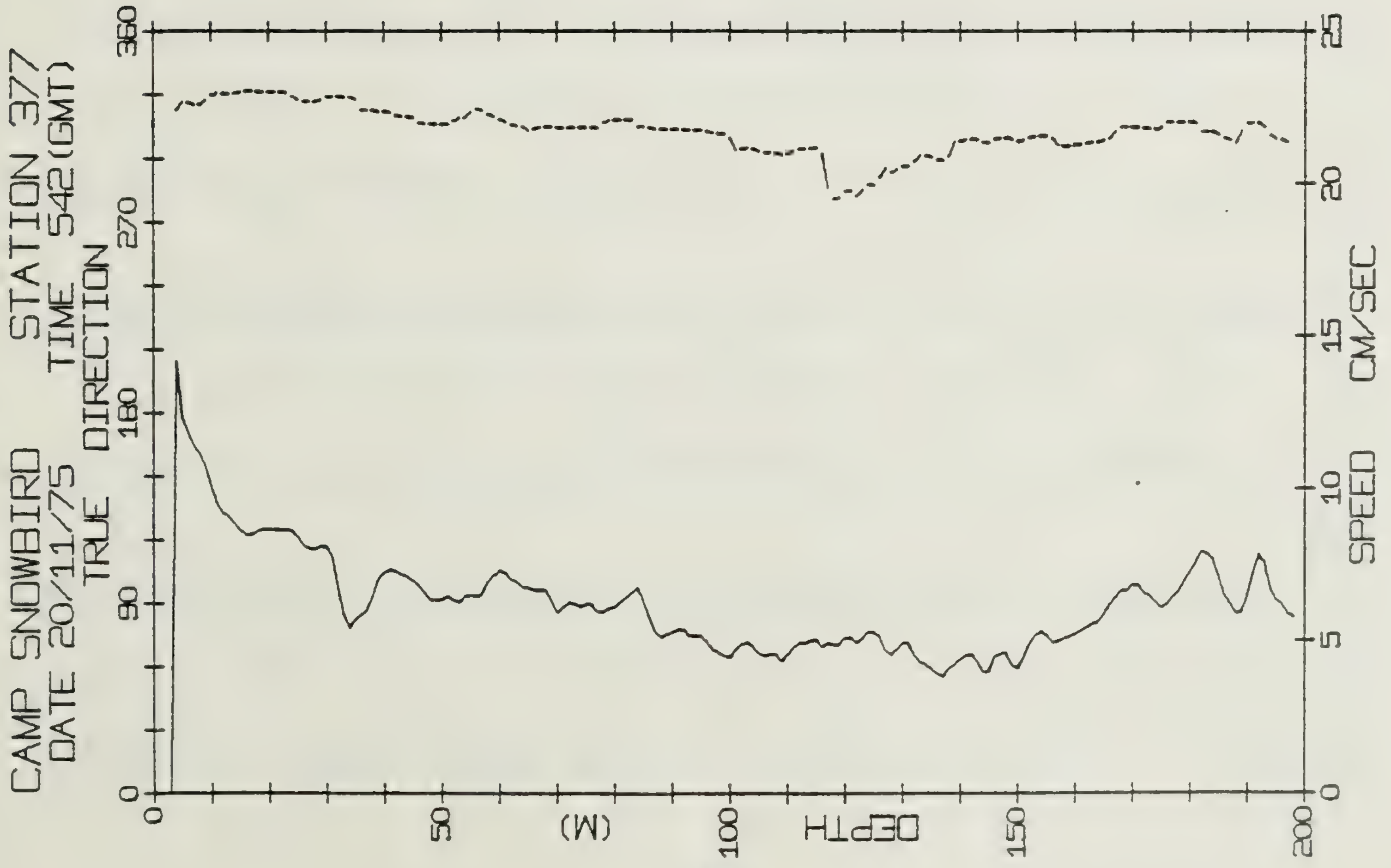
```
SNOWBIRD STATION 364     (200M.)      13/NOV/75        726 GMT
LAT= 73.6826N  LONG= 142.7163W  LTER=      1.   LGER=      1.
NIVEL=  -6.1   EIVEL=  -9.6     NVER=      0.   EVER=      0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    6.1  254.1      134    6.2  251.9
  1    0.0  999.9       68    6.5  253.3      135    6.0  253.2
  2    0.0  999.9       69    6.9  253.1      136    6.0  253.3
  3    0.0  999.9       70    6.9  254.6      137    6.0  253.3
  4    6.7  246.3       71    6.7  255.4      138    6.0  253.1
  5    6.7  247.3       72    6.6  256.4      139    6.1  252.7
  6    6.2  248.3       73    6.4  257.5      140    6.2  251.9
  7    6.4  246.1       74    6.2  258.7      141    6.4  251.2
  8    6.5  243.9       75    6.3  257.9      142    6.5  250.5
  9    6.5  244.4       76    6.3  257.2      143    6.6  250.1
 10    6.4  246.8       77    6.4  256.3      144    6.6  250.1
 11    6.2  249.9       78    6.4  255.3      145    6.4  251.1
 12    6.1  253.4       79    6.5  254.2      146    6.4  251.1
 13    6.0  255.5       80    6.6  253.7      147    6.5  249.1
 14    5.8  257.1       81    6.7  253.5      148    6.3  246.7
 15    5.6  258.8       82    6.7  254.5      149    6.2  247.3
 16    5.4  260.3       83    6.6  255.0      150    6.1  249.6
 17    5.6  259.7       84    6.5  255.2      151    6.0  252.6
 18    5.8  259.5       85    6.4  255.4      152    5.8  254.3
 19    5.8  260.5       86    6.3  255.4      153    5.7  257.9
 20    5.7  262.9       87    6.3  255.8      154    5.9  258.8
 21    5.4  264.7       88    6.3  256.3      155    5.9  259.0
 22    5.3  265.1       89    6.4  256.1      156    5.9  259.4
 23    5.2  266.4       90    6.5  255.5      157    5.7  261.1
 24    5.3  267.4       91    6.6  254.4      158    5.6  263.1
 25    5.4  268.2       92    6.8  253.3      159    5.3  266.0
 26    5.5  269.2       93    6.9  252.9      160    5.3  266.5
 27    5.4  268.2       94    6.8  253.0      161    5.5  264.1
 28    5.2  267.3       95    6.8  253.2      162    5.6  260.2
 29    5.2  264.5       96    6.8  253.3      163    5.5  260.1
 30    5.2  257.3       97    6.8  253.4      164    5.5  260.1
 31    5.5  249.5       98    6.8  253.4      165    5.8  257.2
 32    5.7  245.2       99    6.8  253.7      166    6.2  254.9
 33    5.9  243.8      100    6.6  254.9      167    6.1  255.3
 34    6.0  244.6      101    6.4  256.2      168    5.7  257.9
 35    6.0  246.2      102    6.2  258.2      169    5.6  259.5
 36    6.1  248.1      103    6.0  259.6      170    5.9  256.9
 37    6.2  250.1      104    6.0  259.8      171    6.2  254.9
 38    6.3  252.1      105    6.0  259.8      172    6.4  253.6
 39    6.5  254.2      106    6.0  259.4      173    6.3  253.7
 40    6.7  256.0      107    6.0  258.8      174    6.2  254.7
 41    6.7  255.7      108    6.1  258.1      175    6.0  256.3
 42    6.8  255.2      109    6.2  257.2      176    5.4  260.9
 43    6.7  254.7      110    6.3  256.4      177    5.5  259.7
 44    6.5  252.7      111    6.2  255.8      178    5.3  261.9
 45    6.4  251.3      112    6.1  256.1      179    5.3  261.6
 46    6.4  251.5      113    6.0  256.6      180    5.8  257.7
 47    6.4  251.7      114    5.9  257.2      181    5.9  256.5
 48    6.4  251.9      115    5.8  258.2      182    5.7  258.1
 49    6.4  251.8      116    5.7  259.1      183    5.4  260.8
 50    6.5  251.5      117    5.5  260.2      184    5.3  261.1
 51    6.6  251.1      118    5.5  260.8      185    5.6  258.6
 52    6.6  251.0      119    5.5  260.2      186    5.9  256.2
 53    6.5  251.5      120    5.6  259.3      187    6.0  255.3
 54    6.4  252.2      121    5.5  260.1      188    6.1  254.6
 55    6.2  253.4      122    5.4  261.2      189    6.0  255.0
 56    6.2  253.1      123    5.8  257.8      190    5.8  256.6
 57    6.4  252.2      124    6.2  255.2      191    5.5  258.9
 58    6.6  251.3      125    6.4  253.9      192    5.3  261.3
 59    6.4  250.8      126    6.4  254.0      193    5.0  264.2
 60    6.3  249.0      127    6.3  254.6      194    4.9  265.7
 61    6.3  245.0      128    6.2  252.6      195    5.1  263.0
 62    6.7  242.5      129    6.2  251.8      196    5.4  260.2
 63    6.6  242.8      130    6.3  251.2      197    5.8  257.1
 64    6.5  245.3      131    6.4  250.8      198    6.0  256.2
 65    6.4  249.1      132    6.5  250.6      199    5.9  256.6
 66    6.3  252.1      133    6.4  251.2      200    5.8  257.2
```

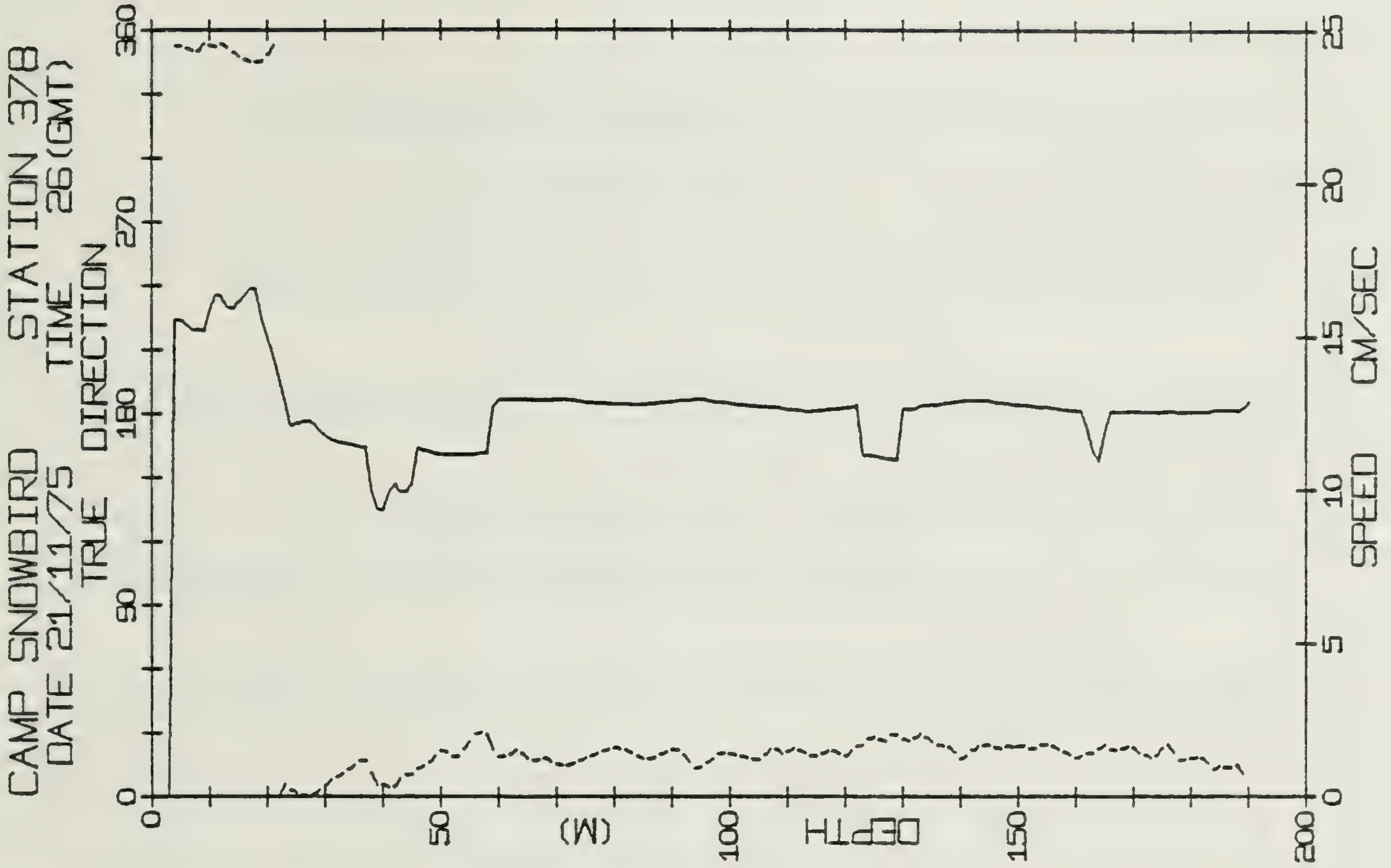

CAMP SNOWBIRD STATION 365
DATE 14/11/75 TIME 710(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 376
DATE 19/11/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 365     (196M.)      14/NOV/75       710 GMT
LAT= 73.6026N  LONG= 143.0265W  LTER=      1   LGER=      2.
NIVEL= -16.0   EIVEL= -13.0     NVER=      0.  EVER=      0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    8.3  230.1      134    8.0  230.7
  1    0.0  999.9       68    7.8  231.1      135    8.0  230.7
  2    0.0  999.9       69    7.6  231.8      136    8.2  230.2
  3    0.0  999.9       70    7.8  231.3      137    8.4  229.7
  4   14.3  225.2       71    8.2  230.2      138    8.2  230.1
  5   13.7  226.3       72    8.5  229.5      139    8.1  230.6
  6   13.3  226.1       73    8.8  228.9      140    7.8  231.2
  7   13.2  228.6       74    9.0  228.5      141    7.6  231.7
  8   13.4  230.8       75    9.0  228.6      142    7.6  231.7
  9   13.3  230.9       76    8.7  229.2      143    7.5  232.0
 10   13.1  230.7       77    8.3  230.0      144    7.4  232.3
 11   13.1  231.9       78    8.0  230.8      145    7.4  232.3
 12   12.9  235.3       79    7.8  231.3      146    7.5  232.2
 13   12.4  238.1       80    7.8  231.3      147    7.9  231.0
 14   11.5  239.6       81    8.0  230.9      148    8.0  230.6
 15   10.6  241.1       82    8.2  230.4      149    7.7  231.3
 16   10.1  240.9       83    7.5  232.3      150    7.5  231.5
 17    9.5  241.0       84    6.6  235.6      151    7.4  231.6
 18    9.3  242.0       85    6.2  237.3      152    7.5  231.5
 19    9.3  243.9       86    6.1  237.9      153    7.6  230.9
 20    9.3  245.4       87    6.5  236.4      154    7.8  230.3
 21    9.3  245.4       88    6.9  234.9      155    7.7  230.6
 22    9.3  245.4       89    7.1  234.5      156    7.4  231.0
 23    9.3  245.4       90    7.1  234.5      157    7.3  231.4
 24    9.3  245.4       91    7.0  234.7      158    7.4  231.0
 25    9.3  245.3       92    7.0  234.9      159    7.7  230.5
 26    9.3  245.3       93    7.1  234.4      160    7.5  231.0
 27    9.4  245.2       94    7.4  233.5      161    7.3  231.5
 28    8.8  240.8       95    7.7  232.6      162    7.1  231.9
 29    8.7  239.5       96    7.6  233.0      163    7.1  231.9
 30    8.7  239.1       97    7.7  232.6      164    7.3  231.5
 31    8.7  238.8       98    8.0  231.8      165    7.6  230.7
 32    8.3  233.0       99    8.3  231.0      166    8.0  229.7
 33    8.2  230.3      100    8.5  230.5      167    8.5  228.7
 34    8.3  230.1      101    8.7  230.0      168    9.0  227.8
 35    8.5  229.6      102    9.0  233.5      169    9.2  227.4
 36    8.8  229.1      103    9.0  236.3      170    9.1  227.5
 37    9.1  228.4      104    8.8  237.2      171    8.6  228.5
 38    9.5  227.6      105    8.6  237.9      172    7.9  230.0
 39    9.9  227.0      106    8.5  238.6      173    7.3  231.4
 40   10.0  226.9      107    8.3  239.2      174    6.8  233.0
 41   10.0  226.9      108    8.3  239.5      175    6.7  233.3
 42    9.9  227.0      109    8.3  239.5      176    6.6  233.4
 43   10.1  226.7      110    8.3  239.4      177    6.7  233.1
 44   10.3  226.5      111    8.4  239.0      178    6.9  232.7
 45   10.5  226.2      112    8.4  238.7      179    7.2  237.2
 46   10.7  225.9      113    8.4  239.0      180    8.0  245.6
 47   10.5  226.2      114    8.2  239.8      181    8.5  245.7
 48   10.4  226.3      115    8.0  240.5      182    8.8  243.9
 49   10.4  226.2      116    8.0  240.9      183    9.1  242.4
 50   10.5  226.1      117    7.4  233.4      184    9.4  241.1
 51   10.1  226.7      118    7.5  233.1      185    9.7  239.9
 52    9.8  227.1      119    7.6  232.6      186    9.3  235.2
 53    9.9  227.1      120    7.7  232.0      187    9.3  233.6
 54    9.9  227.0      121    7.8  231.5      188    9.2  233.9
 55    9.9  227.0      122    7.9  231.1      189    9.0  234.6
 56    9.7  227.3      123    7.9  230.9      190    8.7  235.5
 57    9.3  228.1      124    7.9  231.0      191    8.4  236.6
 58    9.0  228.6      125    7.8  231.1      192    8.1  237.7
 59    8.8  229.0      126    7.8  231.3      193    8.0  238.3
 60    8.8  229.0      127    7.7  231.4      194    7.9  238.8
 61    8.8  229.0      128    7.8  231.1      195    7.9  238.8
 62    8.9  228.7      129    8.0  230.7      196    8.1  238.0
 63    9.1  228.3      130    8.2  230.2
 64    9.1  228.4      131    8.4  229.8
 65    9.0  228.5      132    8.6  229.4
 66    8.7  229.2      133    8.3  230.0
```

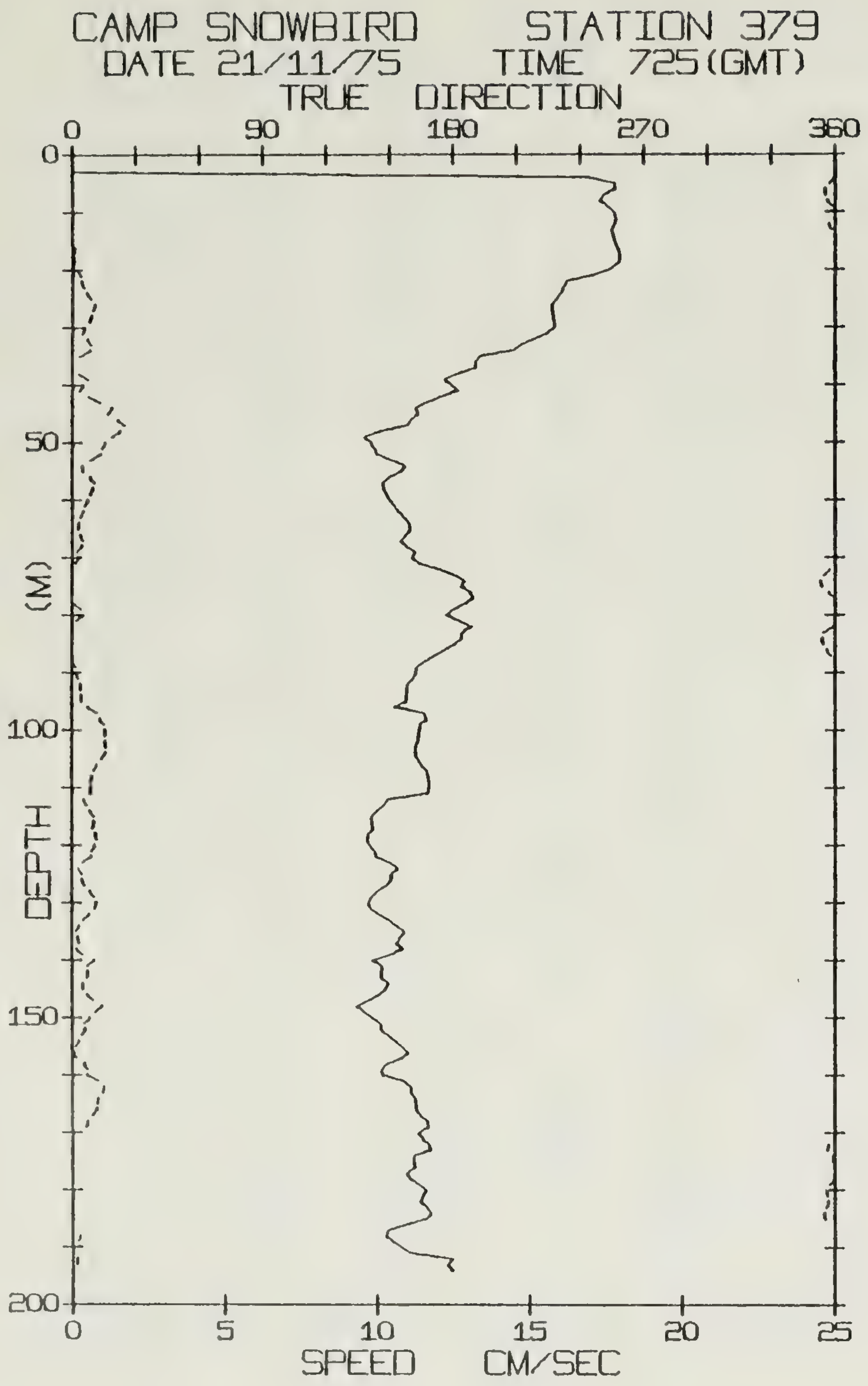
```
SNOWBIRD STATION 376     (200M.)      19/NOV/75      2242 GMT
LAT= 73.5031N  LONG= 143.1593W  LTER=      0.  LGER=      0
NIVEL=   5.5   EIVEL=  -2.3     NVER=      0.  EVER=      0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    2.2  331.0      134    1.4   29.2
  1    0.0  999.9       68    1.6  333.6      135    1.5   23.8
  2    0.0  999.9       69    1.7  338.6      136    1.6   18.6
  3    0.0  999.9       70    2.2  335.6      137    1.7   14.1
  4    4.8  350.2       71    2.3  335.7      138    1.6   16.1
  5    4.6  348.6       72    2.3  336.0      139    1.5   19.3
  6    3.4  348.0       73    2.3  336.1      140    1.5   22.5
  7    3.0  347.8       74    2.3  336.2      141    1.7   25.9
  8    2.8  347.6       75    2.3  336.2      142    1.9   25.7
  9    2.8  345.4       76    2.2  342.3      143    1.9   25.6
 10    2.7  343.6       77    2.1  343.7      144    1.9   29.4
 11    2.7  341.9       78    1.1    2.2      145    2.1   33.5
 12    2.6  340.9       79    0.8   23.8      146    2.0   34.5
 13    2.6  339.8       80    0.9   19.9      147    2.1   31.0
 14    2.5  339.9       81    1.3  355.0      148    2.1   27.8
 15    2.5  342.3       82    1.7  347.8      149    2.2   22.2
 16    2.4  344.3       83    1.8  346.3      150    2.3   16.5
 17    2.5  349.2       84    1.9  346.2      151    2.4   15.4
 18    2.6  349.5       85    2.0  353.2      152    2.4   16.0
 19    2.7  348.6       86    2.1    0.7      153    2.3   16.5
 20    2.8  347.4       87    2.1    3.5      154    2.2   13.4
 21    2.7  346.4       88    2.1    3.3      155    2.2   11.5
 22    2.6  344.8       89    2.2    3.4      156    2.2   11.4
 23    2.3  338.1       90    2.2    3.3      157    2.0   11.7
 24    2.3  337.2       91    2.0  358.6      158    2.0   14.6
 25    2.3  337.0       92    2.0  357.6      159    1.9   17.8
 26    2.3  336.8       93    2.0  357.3      160    1.8   21.4
 27    2.2  336.7       94    2.0  357.1      161    1.7   26.6
 28    2.2  336.5       95    2.0  356.1      162    1.7   30.8
 29    2.2  336.3       96    2.0  353.8      163    1.6   34.6
 30    2.2  336.1       97    2.0  351.6      164    1.7   31.5
 31    2.3  335.9       98    2.0  347.1      165    1.9   21.8
 32    2.4  332.9       99    1.9  341.2      166    2.1   12.1
 33    2.4  330.1      100    2.0  341.0      167    2.0   15.8
 34    2.3  329.7      101    2.0  340.8      168    1.9   20.0
 35    2.4  329.8      102    2.0  340.8      169    1.8   25.4
 36    2.6  330.6      103    2.0  340.7      170    1.5   27.6
 37    2.8  331.3      104    2.0  340.8      171    1.3   24.8
 38    3.0  332.1      105    2.0  340.8      172    1.4   21.3
 39    3.2  335.2      106    1.5  339.7      173    1.5   16.3
 40    3.0  335.8      107    1.3  339.0      174    1.7   10.0
 41    2.9  335.9      108    1.3  340.0      175    2.0    3.1
 42    2.8  336.0      109    1.8  341.5      176    2.0  359.7
 43    2.7  336.1      110    2.1  342.0      177    1.9    1.5
 44    2.7  336.3      111    2.1  342.1      178    2.0   10.1
 45    2.7  336.9      112    2.0  343.1      179    2.2   13.3
 46    2.8  339.4      113    1.4  345.7      180    2.4   13.1
 47    3.0  342.1      114    1.0  350.8      181    2.8    9.5
 48    3.0  344.8      115    0.8  358.9      182    3.0    4.9
 49    2.9  346.3      116    0.8    7.0      183    3.2    1.1
 50    2.9  347.0      117    0.9    8.4      184    3.2  355.7
 51    2.8  347.6      118    1.0    6.6      185    2.9  352.8
 52    2.8  349.0      119    0.9   10.7      186    2.4  349.6
 53    2.8  348.0      120    0.9   15.3      187    2.0  347.3
 54    2.7  344.2      121    0.9   20.5      188    1.7  355.2
 55    2.7  342.6      122    0.9   23.4      189    1.5   15.9
 56    2.7  342.3      123    1.0   27.4      190    1.7   33.7
 57    2.7  342.1      124    1.0   34.0      191    2.1   38.7
 58    2.7  341.8      125    1.0   36.1      192    2.5   35.2
 59    2.7  341.5      126    1.1   37.2      193    2.8   32.5
 60    2.9  338.2      127    1.1   32.7      194    2.9   30.3
 61    3.0  337.6      128    1.2   27.9      195    3.3   28.0
 62    2.9  337.4      129    1.4   25.2      196    3.6   26.7
 63    2.8  337.2      130    1.5   26.9      197    3.9   25.2
 64    2.4  334.4      131    1.6   33.4      198    4.0   24.8
 65    2.6  331.9      132    1.7   36.6      199    4.1   25.0
 66    2.5  331.3      133    1.5   38.0      200    4.3   20.1
```

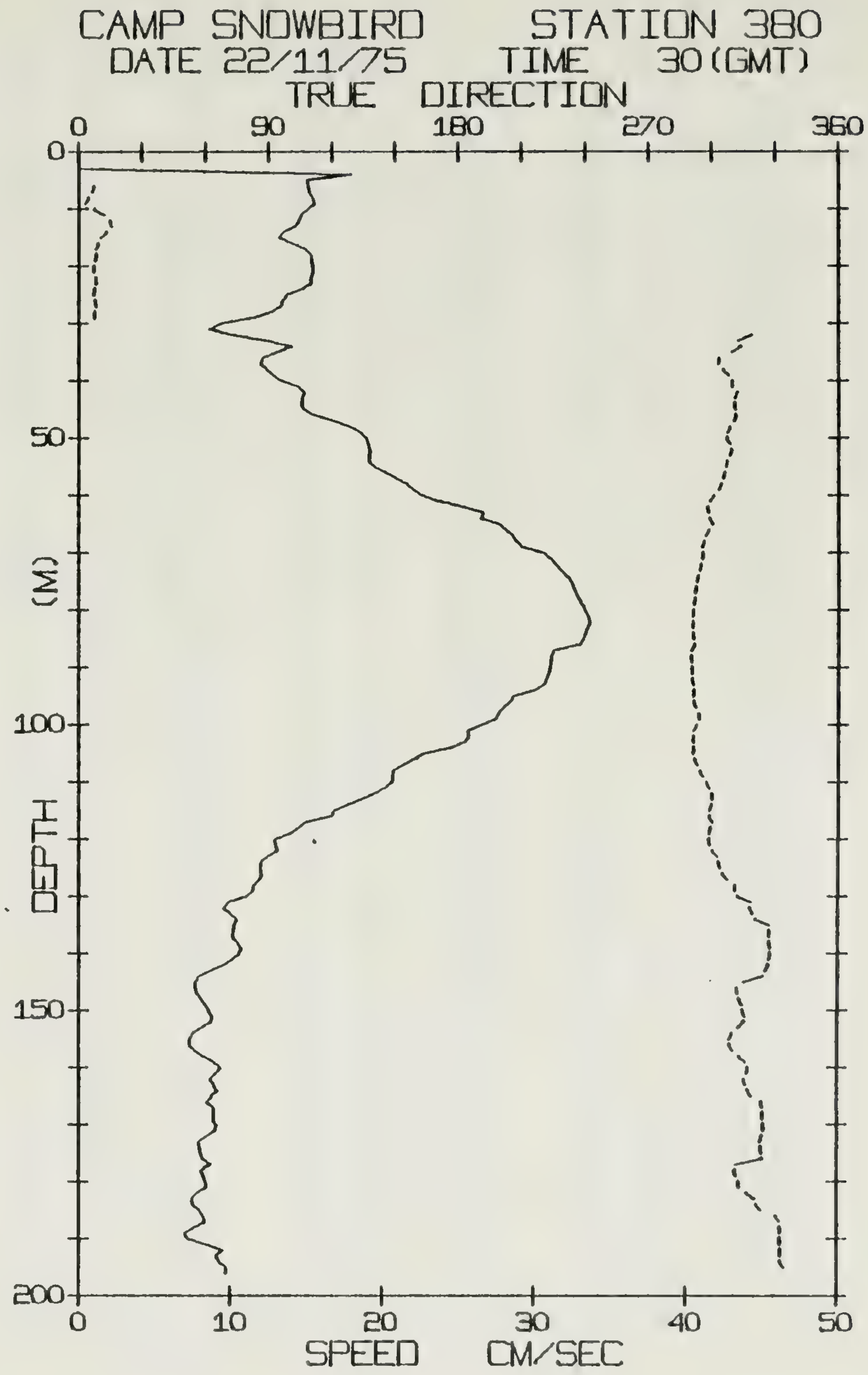

CAMP SNOWBIRD
STATION 377
DATE 20/11/75
TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 378
DATE 21/11/75
TIME 26(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 377     (198M.)      20/NOV/75          542 GMT
LAT= 73.5207N  LONG= 143.2020W  LTER=     1.   LGER=     1.
NIVEL=  12.1   EIVEL= -10.4     NVER=     0.   EVER=     0.

 DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
   0    0.0  999.9       67    6.7  315.0      134    4.2  301.1
   1    0.0  999.9       68    6.7  315.2      135    4.1  300.3
   2    0.0  999.9       69    6.3  314.7      136    3.9  299.4
   3    0.0  999.9       70    5.9  314.3      137    3.8  298.8
   4   14.2  323.2       71    6.1  314.5      138    4.1  300.9
   5   12.4  326.7       72    6.3  314.8      139    4.2  307.9
   6   11.9  326.2       73    6.2  314.6      140    4.4  308.4
   7   11.4  325.2       74    6.1  314.5      141    4.5  309.1
   8   11.2  325.6       75    6.2  314.7      142    4.5  309.4
   9   10.7  327.6       76    6.2  314.6      143    4.3  308.7
  10   10.1  329.9       77    6.0  314.3      144    4.0  307.6
  11    9.5  331.1       78    6.0  316.7      145    4.0  307.6
  12    9.2  330.8       79    6.1  318.1      146    4.5  309.2
  13    9.1  330.6       80    6.1  318.2      147    4.6  309.8
  14    8.9  331.2       81    6.3  318.3      148    4.6  310.1
  15    8.6  331.8       82    6.4  318.3      149    4.2  308.8
  16    8.5  332.3       83    6.6  318.4      150    4.1  307.9
  17    8.5  332.2       84    6.8  315.1      151    4.4  308.9
  18    8.6  331.7       85    6.3  314.9      152    4.9  310.1
  19    8.7  331.4       86    5.8  314.4      153    5.2  310.7
  20    8.7  331.4       87    5.3  313.7      154    5.3  311.0
  21    8.7  331.4       88    5.1  313.6      155    5.2  310.7
  22    8.6  331.4       89    5.2  313.7      156    4.9  309.3
  23    8.7  331.2       90    5.3  313.7      157    5.0  306.4
  24    8.6  329.1       91    5.4  313.7      158    5.1  305.7
  25    8.4  327.7       92    5.4  313.5      159    5.2  306.1
  26    8.2  326.9       93    5.2  313.2      160    5.3  306.6
  27    8.0  326.8       94    5.2  313.1      161    5.4  307.0
  28    8.0  327.1       95    5.1  313.2      162    5.5  307.5
  29    8.1  327.8       96    5.0  312.6      163    5.6  307.9
  30    8.1  328.9       97    4.7  312.0      164    5.7  308.3
  31    7.8  329.3       98    4.6  311.5      165    5.9  309.0
  32    6.8  329.2       99    4.5  311.4      166    6.2  309.9
  33    5.9  328.6      100    4.5  309.5      167    6.4  313.0
  34    5.4  328.6      101    4.7  304.2      168    6.7  314.7
  35    5.7  327.6      102    4.9  304.9      169    6.7  314.6
  36    5.9  323.0      103    5.0  305.2      170    6.8  314.7
  37    6.0  322.9      104    4.8  304.4      171    6.8  314.6
  38    6.5  322.5      105    4.6  303.2      172    6.6  314.1
  39    7.1  322.0      106    4.5  302.6      173    6.5  314.0
  40    7.3  322.0      107    4.6  303.0      174    6.3  313.6
  41    7.4  321.4      108    4.5  302.7      175    6.1  314.7
  42    7.3  320.2      109    4.3  301.5      176    6.2  317.0
  43    7.2  319.4      110    4.5  302.5      177    6.5  317.1
  44    7.1  319.4      111    4.8  303.8      178    6.6  317.1
  45    7.0  319.1      112    4.9  304.6      179    7.0  317.2
  46    6.8  316.9      113    4.9  304.7      180    7.3  317.3
  47    6.6  316.4      114    5.0  305.2      181    7.6  316.7
  48    6.4  316.2      115    5.0  305.4      182    7.9  312.7
  49    6.4  316.2      116    4.8  302.1      183    7.9  312.8
  50    6.4  316.3      117    4.9  286.2      184    7.7  312.4
  51    6.5  316.4      118    4.9  281.0      185    7.1  311.2
  52    6.3  317.9      119    4.9  281.8      186    6.5  309.6
  53    6.3  319.2      120    5.1  284.4      187    6.2  308.7
  54    6.5  319.5      121    5.1  284.7      188    5.9  307.7
  55    6.5  322.0      122    4.9  282.7      189    6.0  313.0
  56    6.5  323.4      123    5.1  284.8      190    6.5  316.7
  57    6.6  322.5      124    5.3  287.5      191    7.2  317.0
  58    6.9  320.8      125    5.3  287.4      192    7.8  316.5
  59    7.2  319.5      126    5.1  291.1      193    7.6  314.8
  60    7.3  318.4      127    4.7  295.1      194    6.7  311.2
  61    7.2  316.9      128    4.5  293.7      195    6.3  309.1
  62    7.0  316.0      129    4.7  294.9      196    6.2  308.7
  63    6.9  315.2      130    4.9  296.2      197    5.9  307.6
  64    6.8  314.7      131    4.9  296.2      198    5.8  307.1
  65    6.7  313.2      132    4.6  298.6
  66    6.7  314.2      133    4.3  301.2
```

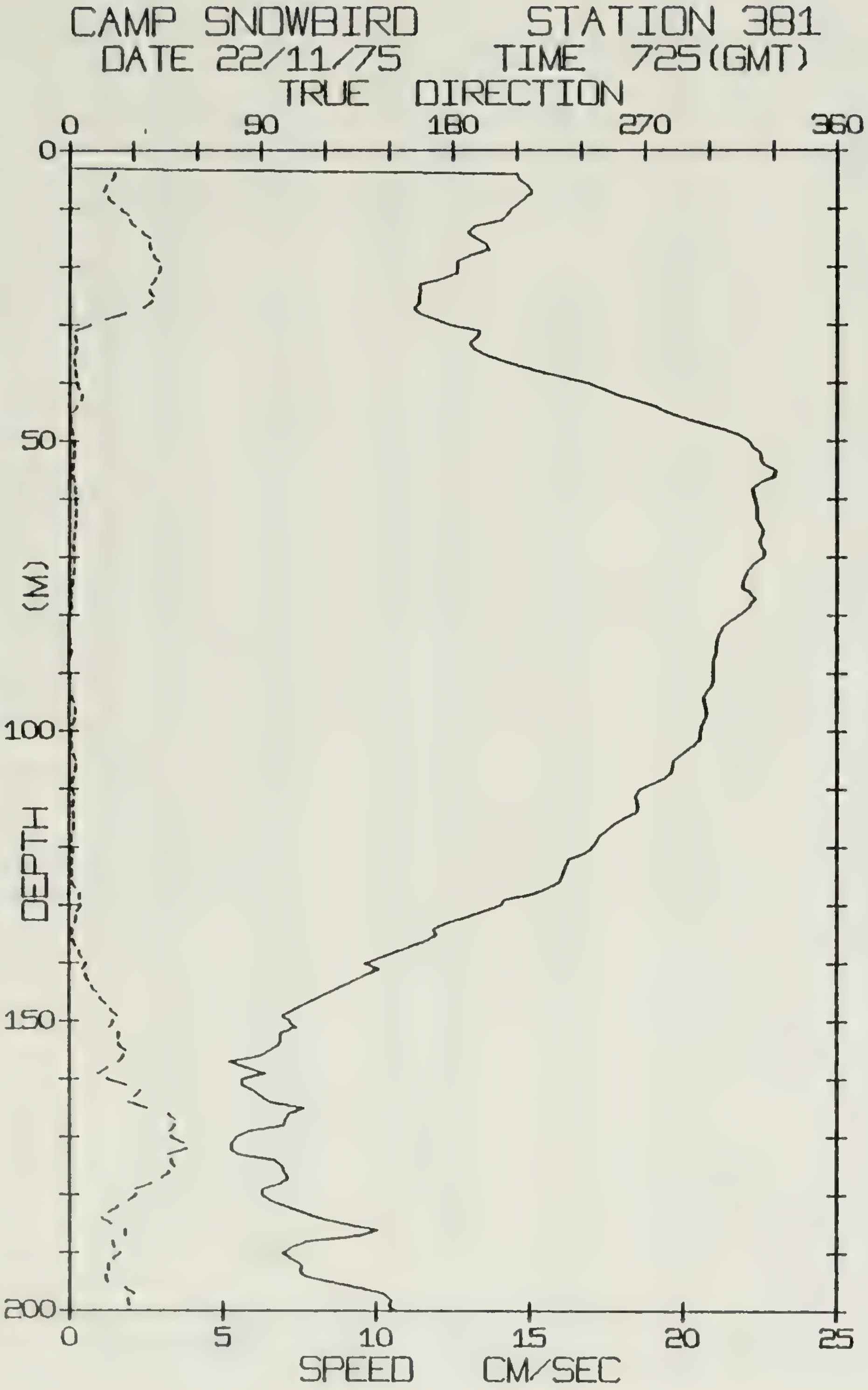
```
SNOWBIRD STATION 378     (190M.)      21/NOV/75           26 GMT
LAT= 73.6041N  LONG= 143.4374W  LTER=     1.   LGER=     1.
NIVEL=  18.1   EIVEL= -13.4     NVER=     0.   EVER=     0.

 DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
   0    0.0  999.9       67   12.9   17.7      134   12.8   27.9
   1    0.0  999.9       68   12.9   18.5      135   12.8   25.9
   2    0.0  999.9       69   13.0   16.7      136   12.8   24.3
   3    0.0  999.9       70   13.0   15.3      137   12.9   23.8
   4   15.5  352.9       71   13.0   14.8      138   12.9   23.3
   5   15.5  352.5       72   12.9   15.1      139   12.9   20.9
   6   15.4  351.5       73   12.9   16.1      140   12.9   18.1
   7   15.2  350.3       74   12.9   17.4      141   12.9   19.4
   8   15.2  350.5       75   12.8   18.5      142   12.9   21.8
   9   15.2  354.0       76   12.8   19.6      143   12.9   23.6
  10   15.8  352.7       77   12.8   20.8      144   12.9   24.3
  11   16.4  352.1       78   12.8   21.7      145   12.9   24.4
  12   16.3  353.6       79   12.8   22.7      146   12.9   23.1
  13   16.0  352.0       80   12.8   23.5      147   12.8   22.4
  14   15.9  349.8       81   12.8   22.6      148   12.8   23.9
  15   16.1  348.0       82   12.8   21.7      149   12.8   23.2
  16   16.3  346.4       83   12.8   20.5      150   12.8   23.7
  17   16.6  344.9       84   12.8   19.2      151   12.8   24.2
  18   16.6  345.0       85   12.8   17.8      152   12.7   22.8
  19   15.6  346.1       86   12.8   18.1      153   12.7   22.9
  20   15.0  348.8       87   12.8   19.0      154   12.7   24.4
  21   14.4  353.0       88   12.9   20.3      155   12.7   24.6
  22   13.7    0.0       89   12.9   21.5      156   12.7   23.6
  23   12.9    5.8       90   12.9   22.5      157   12.6   22.3
  24   12.1    3.1       91   12.9   21.9      158   12.6   21.0
  25   12.2    1.9       92   12.9   19.9      159   12.6   19.6
  26   12.2    0.6       93   13.0   16.6      160   12.6   18.3
  27   12.3    0.1       94   13.0   13.8      161   12.6   19.0
  28   12.2    1.0       95   13.0   14.3      162   12.0   20.5
  29   11.9    3.2       96   12.9   16.1      163   11.3   20.4
  30   11.8    5.7       97   12.9   18.0      164   11.0   22.7
  31   11.6    8.1       98   12.9   20.2      165   11.9   24.2
  32   11.6    9.6       99   12.9   20.9      166   12.6   22.3
  33   11.5   11.2      100   12.8   20.2      167   12.6   21.8
  34   11.5   13.0      101   12.8   19.6      168   12.6   22.8
  35   11.4   15.1      102   12.8   18.9      169   12.6   23.7
  36   11.4   17.0      103   12.8   18.3      170   12.6   22.9
  37   11.4   17.4      104   12.8   17.6      171   12.6   20.8
  38   10.0   11.3      105   12.7   17.5      172   12.6   19.5
  39    9.4    5.9      106   12.7   19.9      173   12.6   18.2
  40    9.3    5.7      107   12.7   22.2      174   12.6   19.3
  41    9.9    4.2      108   12.7   22.8      175   12.6   23.1
  42   10.2    5.0      109   12.7   20.6      176   12.6   24.6
  43   10.0    9.0      110   12.6   21.7      177   12.6   21.0
  44    9.9   10.5      111   12.6   23.0      178   12.6   17.4
  45   10.2   11.0      112   12.6   21.8      179   12.6   17.8
  46   11.4   13.4      113   12.6   20.5      180   12.6   18.5
  47   11.3   14.8      114   12.6   19.3      181   12.6   18.7
  48   11.2   16.5      115   12.6   19.2      182   12.6   17.9
  49   11.2   19.2      116   12.6   20.5      183   12.6   15.7
  50   11.2   21.9      117   12.7   21.9      184   12.6   13.1
  51   11.2   21.0      118   12.7   21.7      185   12.6   14.6
  52   11.2   19.0      119   12.7   20.3      186   12.6   14.0
  53   11.2   19.4      120   12.7   19.0      187   12.6   13.8
  54   11.2   22.4      121   12.7   21.3      188   12.6   15.1
  55   11.2   26.0      122   12.8   23.7      189   12.7   10.9
  56   11.2   29.4      123   11.2   24.5      190   12.9    6.9
  57   11.2   30.7      124   11.1   27.2
  58   11.2   29.0      125   11.1   28.2
  59   12.7   22.4      126   11.1   26.7
  60   12.9   19.1      127   11.0   25.9
  61   12.9   19.2      128   11.0   29.0
  62   13.0   20.3      129   11.0   29.0
  63   13.0   21.9      130   12.7   27.2
  64   13.0   20.5      131   12.6   26.2
  65   12.9   18.1      132   12.7   27.6
  66   12.9   17.0      133   12.8   29.4
```

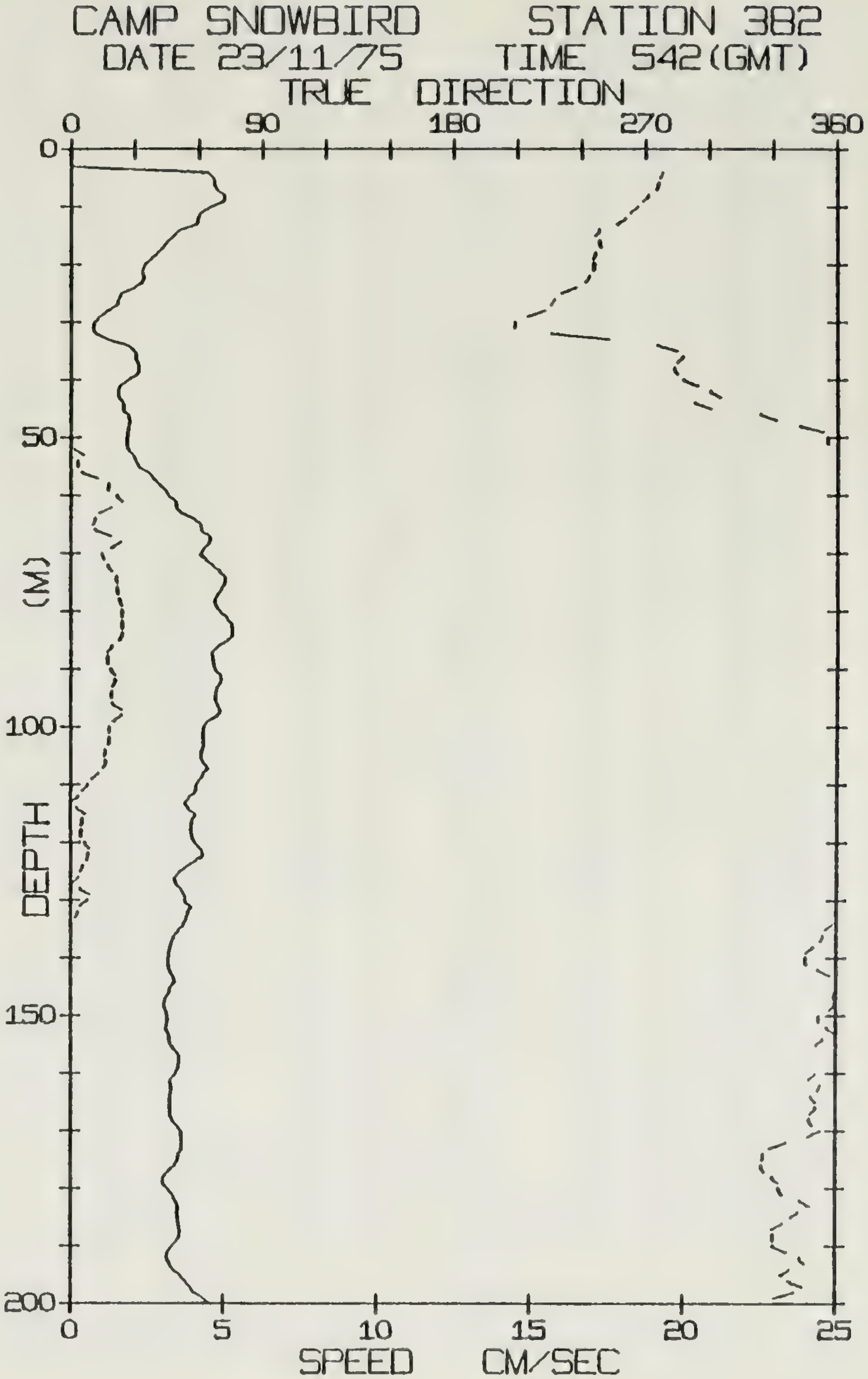

CAMP SNOWBIRD STATION 379
DATE 21/11/75 TIME 725(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 380
DATE 22/11/75 TIME 30(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
10
20
30
40
50
SPEED CM/SEC

```
SNOWBIRD STATION 379     (194M.)     21/NOV/75          725 GMT
LAT= 73.6475N  LONG= 143.5351W  LTER=     0.  LGER=       0.
NIVEL=  21 3   EIVEL= -11.8     NVER=     0.  EVER=       0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   10 8     5 3       134   10.7     3.5
   1    0.0   999.9        68   10.9     4.5       135   10.9     1.7
   2    0.0   999.9        69   11 3     2.2       136   10.8     2.7
   3    0.0   999.9        70   11.2     2 8       137   10.6     3.6
   4   16.9   359.4        71   11.4     1.5       138   10.8     2.1
   5   17.8   357 5        72   12.0   357.7       139   10.5     4.8
   6   17.8   355.6        73   12.5   355.1       140    9.9    10.1
   7   17.5   355.6        74   12.9   353.6       141   10.2     7.2
   8   17.3   356 7        75   12.8   354.1       142   10.1     7.1
   9   17.6   359.2        76   13.1   357.3       143   10.2     7.1
  10   17.8     1 7        77   13.2   359.9       144   10.4     4 9
  11   17.9   359.9        78   12.9     1.4       145   10.3     5.4
  12   17.8   357.3        79   12.5     4.0       146   10.1     7.2
  13   17.7   358.4        80   12.3     5.4       147    9.7     9.9
  14   17.8   359.9        81   12.7     2.0       148    9.4    14.0
  15   17.8     1.2        82   13.1   359.2       149    9.6    10.9
  16   17.9     1.0        83   12.8   354.8       150    9.9     8.4
  17   18.0     0.8        84   12.8   354.0       151   10.1     6.1
  18   18.0     0.5        85   12.6   354.9       152   10.1     6.2
  19   17.9     0.6        86   12.3   356.5       153   10.4     4.6
  20   17.6     2.4        87   11.9   358.2       154   10.6     3.1
  21   17.1     4.1        88   11.6     0 1       155   10.8     1.6
  22   16.2     4.6        89   11.3     1.8       156   11.0     0.6
  23   16.1     5.7        90   11.3     2.2       157   10.8     1.9
  24   16.0     7.0        91   11.2     2.9       158   10.3     5.6
  25   15.9     8 8        92   11.0     4 0       159   10.2     7.3
  26   15.8    10.5        93   11.0     4.3       160   10.2     7.0
  27   15.8     9.8        94   10.9     4.4       161   10.9    12.2
  28   15.8     8.8        95   10.9     4.5       162   11.1    14.8
  29   15.8     7.9        96   10.6     7.4       163   11.1    14.3
  30   15.8     5.8        97   11.5    11.5       164   11.3    12.1
  31   15.6     4 7        98   11.7    13.0       165   11.3    11.6
  32   15.2     6.9        99   11.5    15 1       166   11.3    11.2
  33   14.7     8.7       100   11.4    15.7       167   11.4     9.5
  34   14.5     8.1       101   11.4    15.6       168   11.7     7.3
  35   13.4     3.6       102   11.3    15 6       169   11.7     6.6
  36   13.2   359.6       103   11.2    16.3       170   11.4     3.9
  37   13.2   359 4       104   11.3    15.6       171   11.5   358.2
  38   12.7     3.2       105   11.4    13.8       172   11.7   357.1
  39   12.2     7.1       106   11.5    11.8       173   11.8   356.5
  40   12.4     5.2       107   11.6    10.2       174   11.2   359.4
  41   12.7     3 4       108   11.7     9.2       175   11.2   359.3
  42   12.1     7 9       109   11.7     8.6       176   11.2   359.0
  43   11.7    12 9       110   11.7     8.5       177   11.0     0.3
  44   11.3    18.3       111   11.7     8.7       178   11.1   359.8
  45   11.4    16.8       112   10.4     5 6       179   11.4   357 8
  46   11.1    21.5       113   10.2     6.9       180   11.6   356.4
  47   11.0    24.7       114   10.0     8 6       181   11.5   356.8
  48   10.2    22.6       115    9.8    10.4       182   11.4   357.2
  49    9.6    18 7       116    9.9    10.2       183   11.7   355.9
  50    9.8    15.6       117    9.9     9.8       184   11.8   355.1
  51    9.9    14.0       118    9.7    11.3       185   11.6   355.8
  52   10.0    13 1       119    9.7    11.8       186   11.0   359.0
  53   10.4     8 7       120    9.8    10.9       187   10.4     2.8
  54   10.9     4.6       121    9.9     9.3       188   10.3     3.5
  55   10.8     5.2       122   10.0     8.7       189   10.5     2.2
  56   10.4     8.6       123   10.4     5.0       190   10.8     0.7
  57   10.2    10 3       124   10.7     3 1       191   11.1   359.4
  58   10.2     9.6       125   10.5     4.7       192   12.5     2 3
  59   10.3     8 3       126   10 5     5 0       193   12.3     1.8
  60   10.4     7 1       127   10 3     6.0       194   12.5     0.7
  61   10.6     5.9       128   10 0     8 6
  62   10.7     4 8       129    9.8    10 4
  63   10.9     3.8       130    9 7    11 5
  64   11.1     2.8       131    9 8    10.6
  65   11 1     2 7       132   10.1     8 0
  66   11 0     4.0       133   10 4     5 3
```

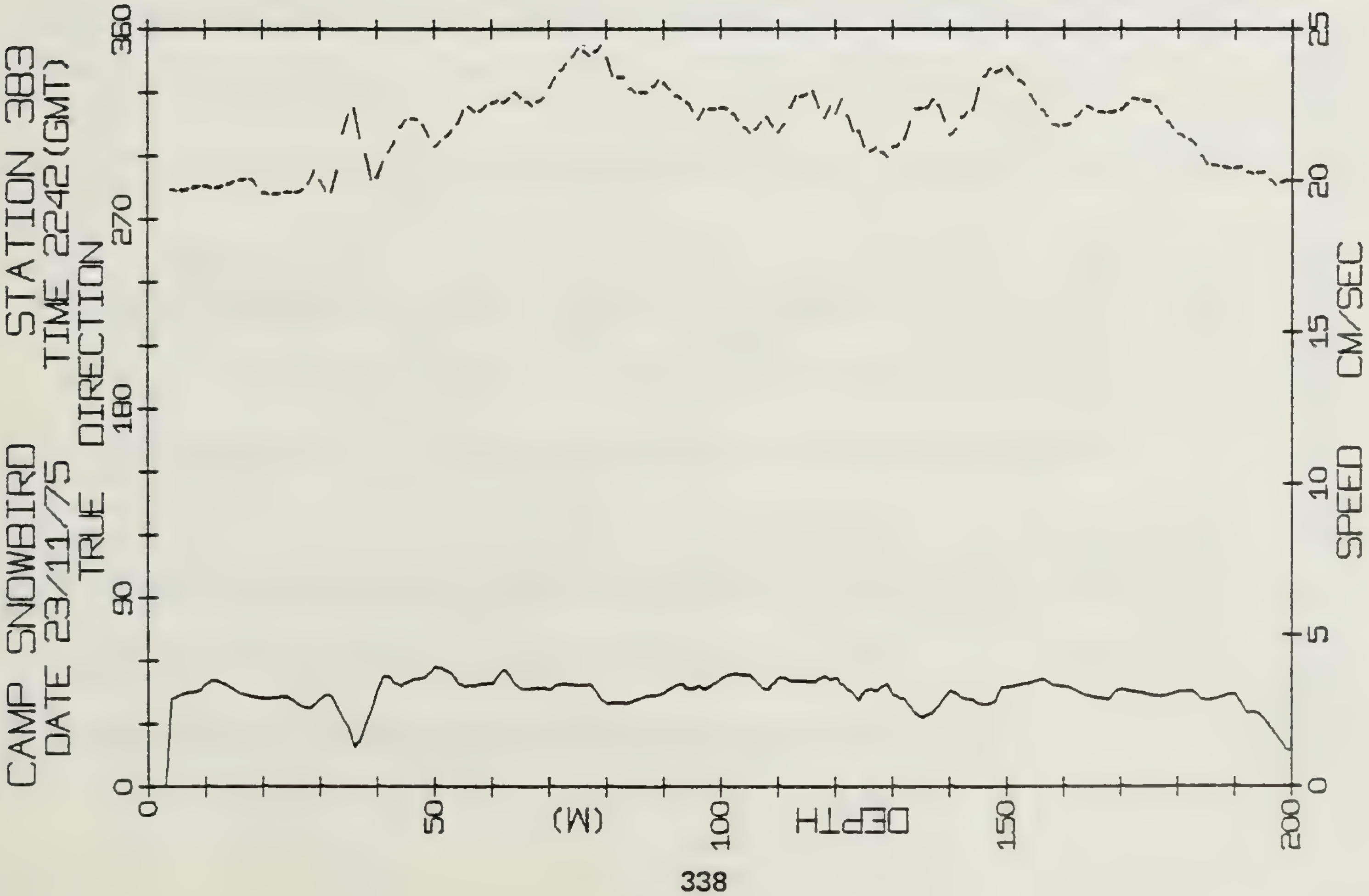
```
SNOWBIRD STATION 380     (196M.)     22/NOV/75           30 GMT
LAT= 73 7600N  LONG= 143.7822W  LTER=     1.  LGER=       1.
NIVEL=  21.8   EIVEL= -10 6     NVER=     0.  EVER=       0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   28.6   297.3       134   10.5   321.2
   1    0.0   999.9        68   28 9   296.3       135   10.2   327.7
   2    0.0   999.9        69   29.2   295.4       136   10.2   327.6
   3    0.0   999.9        70   30.6   296.2       137   10.2   327.6
   4   18.0   348.2        71   31.1   295.7       138   10.5   327 9
   5   15.1     7.6        72   31.5   294 9       139   10.8   328.2
   6   15.1     7.2        73   31.8   294.2       140   10.6   328.0
   7   15.2     6.3        74   32 1   293.6       141   10.1   327.6
   8   15.4     4.5        75   32 5   292.9       142    9.6   326 9
   9   15.6     3.3        76   32.7   292.6       143    8.7   325.7
  10   15.1     7.2        77   32.8   292.3       144    7.9   324.4
  11   14.7    12.1        78   33.0   292.0       145    7.7   315.7
  12   14.5    14.8        79   33.2   291.7       146    7.7   312 3
  13   14.3    15.7        80   33.4   291.3       147    7.8   312.8
  14   13.5    13.6        81   33 6   291.0       148    8.1   313.6
  15   13.2    10.7        82   33 7   290.9       149    8.4   314.7
  16   14.0     9.5        83   33.5   291.2       150    8.6   315.3
  17   14.9     8.4        84   33.4   291.5       151    8.8   316.1
  18   15.3     8.4        85   33.2   291.9       152    8.7   315.4
  19   15.4     7.9        86   33.0   292.2       153    8.1   313.0
  20   15.4     7.1        87   31.3   290.2       154    7.5   310.1
  21   15.4     7.4        88   31.1   290.6       155    7.3   308.8
  22   15.3     8.6        89   31.1   290.6       156    7.3   308.8
  23   15.3     8.3        90   31.0   290.7       157    7.6   310.6
  24   14.7     7.3        91   30.9   291.0       158    8.2   313.4
  25   13.7     7.1        92   30.8   291.2       159    8.9   316.4
  26   13.4     8.2        93   30.6   291.7       160    9.4   317.8
  27   13.3     8.5        94   30 0   292.0       161    9.1   316.9
  28   12.7     7.6        95   28.7   291.4       162    8.7   315.8
  29   11.5     7.3        96   28.4   292.2       163    8.9   316.6
  30    9.4     2.5        97   28.0   293.2       164    9.2   317.7
  31    8.6   334.6        98   27.6   294.3       165    8.8   319.2
  32   10.1   318.9        99   27.4   294.8       166    8.5   324.1
  33   12.3   312.6       100   26.6   293.3       167    8.8   324.8
  34   14.0   313.6       101   25.7   291.7       168    8.9   325.0
  35   13.1   309.6       102   25.7   291.4       169    8.9   324.9
  36   12.1   303.8       103   25.4   291.8       170    9.1   325.3
  37   12.0   303.0       104   24.5   291.6       171    9.0   325.2
  38   12.4   305.6       105   22.7   291.5       172    8.4   324.3
  39   12.8   308.1       106   22.1   292.5       173    7.9   323.5
  40   13.4   309.8       107   21.4   293.6       174    8.0   324.1
  41   14.5   309.9       108   20.7   294.8       175    8.1   324.5
  42   14.9   312.0       109   20.7   296.3       176    8.2   324.9
  43   14.7   311.0       110   20.6   297 8       177    8.7   312.1
  44   14.7   310.7       111   20.2   299.3       178    8 1   311.4
  45   14.9   311.4       112   19.5   300.6       179    8.2   312.3
  46   15.5   311.6       113   18.7   300.6       180    8.4   313.5
  47   16.8   310.5       114   17.7   299.9       181    8.4   313.7
  48   17.9   308.8       115   16.9   299.1       182    7.8   317.3
  49   18.6   307.4       116   16.6   298.9       183    7.5   321 1
  50   19.0   307.0       117   15.0   300.8       184    7.6   322 3
  51   19.1   308.9       118   14.5   299.8       185    8.0   324 3
  52   19.2   309.6       119   14.0   298.9       186    8.3   331.3
  53   19.1   308.6       120   13.0   298.9       187    8.4   333.3
  54   19.1   307.2       121   13.0   299.6       188    7.7   333 1
  55   19.5   306.6       122   13.2   300.7       189    7.0   333 0
  56   20.2   305 9       123   12.4   303.2       190    7.2   333.1
  57   20.9   305 4       124   12.0   303.8       191    8.4   333.3
  58   21.6   304.5       125   12.0   304.4       192    9.6   333 4
  59   22.1   303.3       126   12 1   305.5       193    9.1   333.4
  60   22.6   301.0       127   11.9   307.6       194    9.3   333.4
  61   23.7   299.1       128   11.6   311.1       195    9.7   334.9
  62   25.3   298.2       129   11.5   311 3       196    9.7   348.3
  63   26.6   298.8       130   11 1   312 5
  64   26.5   299.5       131    9 9   318.8
  65   27.7   300 9       132    9 6   318.3
  66   28.1   298.8       133   10 0   319.9
```

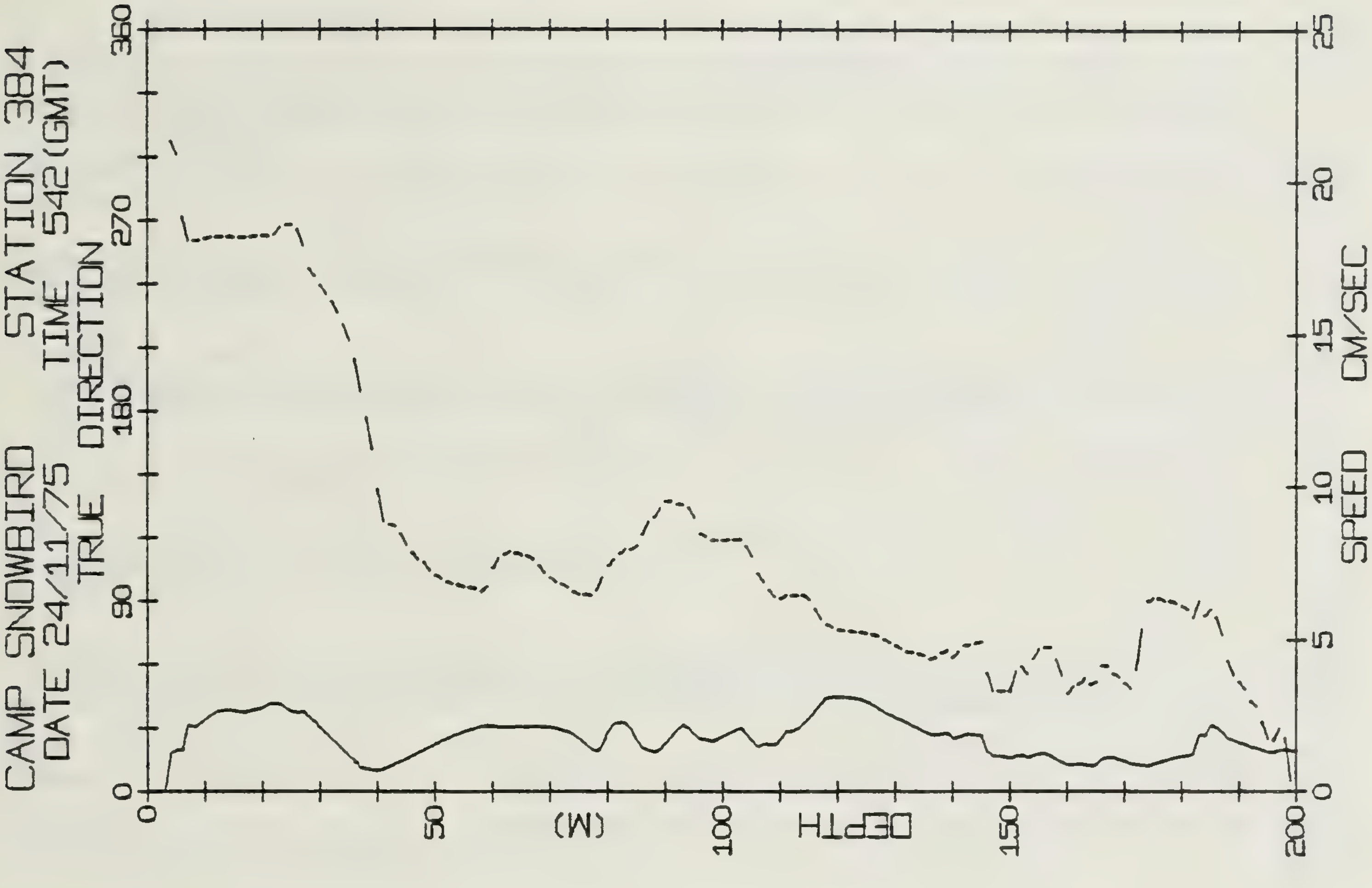

CAMP SNOWBIRD STATION 381
DATE 22/11/75 TIME 725(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 382
DATE 23/11/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 381      (200M.)      22/NOV/75          725 GMT
LAT= 73.8059N  LONG= 143.8465W  LTER=      1.   LGER=       2.
NIVEL=  19.9   EIVEL=  -3.2     NVER=      0.   EVER=       0.

DPT    SPD    DRN        DPT    SPD     DRN        DPT    SPD     DRN
  0    0.0  999.9         67   22.5     1.8        134   11.9     1.3
  1    0.0  999.9         68   22.6     2.0        135   12.0     1.1
  2    0.0  999.9         69   22.7     2.3        136   11.7     1.8
  3    0.0  999.9         70   22.6     2.2        137   11.2     3.0
  4   14.6   21.1         71   22.3     2.2        138   10.6     4.4
  5   14.7   19.8         72   22.1     2.0        139   10.1     5.9
  6   14.9   16.9         73   22.0     1.7        140    9.6     7.6
  7   15.1   15.5         74   22.0     1.3        141   10.1     6.1
  8   14.9   17.7         75   21.9     0.9        142    9.7     7.5
  9   14.6   20.6         76   22.2     0.8        143    9.3     9.0
 10   14.4   24.3         77   22.3     0.9        144    8.9    10.7
 11   14.3   27.3         78   22.2     0.7        145    8.5    12.5
 12   14.1   28.4         79   22.1     0.6        146    8.1    14.4
 13   13.2   30.5         80   21.8     0.4        147    7.7    16.9
 14   13.0   33.9         81   21.5   359.9        148    7.3    19.4
 15   13.3   37.4         82   21.3   359.3        149    7.0    22.2
 16   13.6   37.7         83   21.2   359.8        150    7.2    20.4
 17   13.7   38.3         84   21.1     0.2        151    7.4    18.8
 18   13.1   39.5         85   21.1     0.6        152    6.9    22.9
 19   12.6   41.6         86   21.1     0.9        153    6.9    22.9
 20   12.6   42.5         87   21.0     0.2        154    6.8    23.5
 21   12.6   41.7         88   21.0   359.7        155    6.5    26.2
 22   12.2   40.1         89   21.0   359.8        156    6.2    25.3
 23   11.4   38.2         90   21.0   359.9        157    5.2    22.9
 24   11.4   37.4         91   21.0   359.7        158    5.8    17.8
 25   11.4   39.2         92   20.9   359.5        159    6.4    13.6
 26   11.4   38.2         93   20.8     0.4        160    5.7    17.6
 27   11.2   34.6         94   20.6     1.3        161    5.6    26.5
 28   11.4   26.1         95   20.7     2.1        162    6.0    33.0
 29   11.9   17.0         96   20.8     2.9        163    6.3    30.6
 30   12.4    9.7         97   20.8     3.0        164    6.6    28.1
 31   13.4    2.6         98   20.7     2.2        165    7.7    36.3
 32   13.3    2.6         99   20.6     1.2        166    7.1    46.3
 33   13.1    3.4        100   20.5     0.6        167    7.0    49.7
 34   13.2    3.0        101   20.5     1.0        168    7.0    49.3
 35   13.5    2.1        102   20.4     1.1        169    5.9    46.9
 36   14.0    2.2        103   20.1     0.9        170    5.4    48.0
 37   14.6    2.8        104   19.9     2.1        171    5.3    53.4
 38   15.3    2.9        105   19.7     3.2        172    5.3    55.1
 39   16.1    3.4        106   19.7     2.9        173    5.5    46.2
 40   16.9    3.4        107   19.6     2.4        174    6.7    47.6
 41   17.4    4.5        108   19.4     1.9        175    6.9    49.2
 42   17.8    6.0        109   19.0     1.2        176    7.0    46.6
 43   18.5    5.3        110   18.6     1.9        177    7.1    43.5
 44   19.1    3.4        111   18.4     2.5        178    6.9    38.1
 45   19.5    1.4        112   18.5     1.8        179    6.3    31.1
 46   20.0    0.4        113   18.5     1.4        180    6.3    31.1
 47   20.6    0.5        114   18.4     2.0        181    6.6    27.8
 48   21.4    1.1        115   18.1     2.2        182    7.1    22.8
 49   21.9    1.7        116   17.7     2.2        183    7.6    18.6
 50   22.2    2.2        117   17.5     1.5        184    8.2    15.3
 51   22.3    2.3        118   17.3     0.9        185    9.0    19.5
 52   22.5    1.9        119   17.2     1.3        186   10.1    26.1
 53   22.5    1.8        120   17.0     1.8        187    9.5    26.0
 54   22.6    1.7        121   16.8     1.9        188    7.8    20.6
 55   23.0    1.2        122   16.3     1.1        189    7.2    21.2
 56   23.0    1.7        123   16.2     1.1        190    6.9    23.6
 57   22.5    2.5        124   16.1     1.3        191    7.3    20.6
 58   22.3    2.7        125   16.0     1.5        192    7.6    18.1
 59   22.3    2.9        126   16.0     1.6        193    7.5    18.0
 60   22.4    3.0        127   15.6     3.0        194    7.7    16.9
 61   22.4    3.2        128   15.1     4.7        195    8.5    17.8
 62   22.4    3.1        129   14.2     4.6        196    9.4    26.4
 63   22.4    3.0        130   14.0     5.3        197   10.3    30.3
 64   22.5    2.8        131   13.5     3.7        198   10.5    27.6
 65   22.6    2.3        132   12.9     2.8        199   10.4    28.2
 66   22.6    2.0        133   12.3     2.5        200   10.6    25.9
```

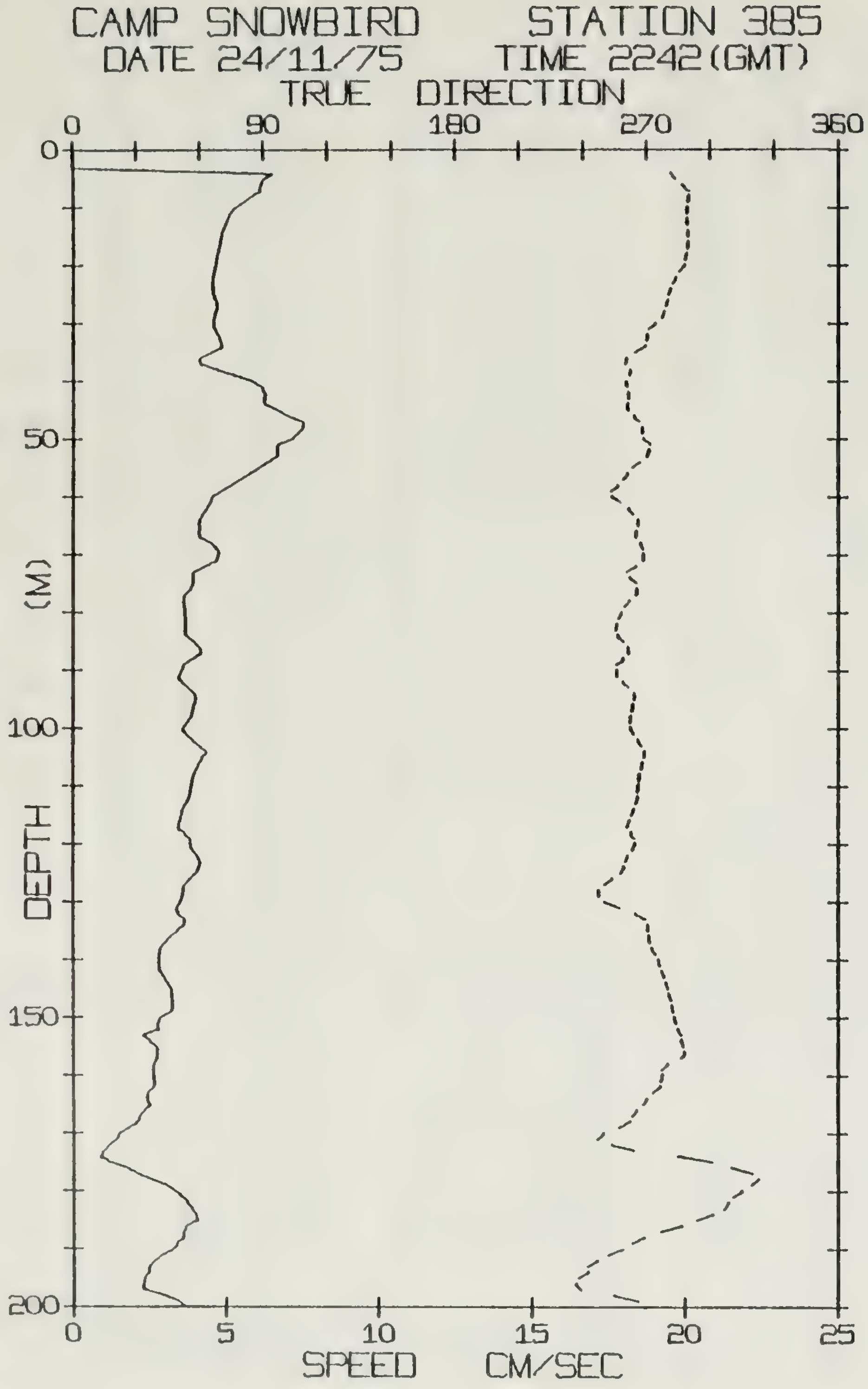
```
SNOWBIRD STATION 382      (200M.)      23/NOV/75          542 GMT
LAT= 73.8620N  LONG= 143.9308W  LTER=      1.   LGER=       1.
NIVEL=   1.4   EIVEL=  -4.6     NVER=      0.   EVER=       0.

DPT    SPD    DRN        DPT    SPD     DRN        DPT    SPD     DRN
  0    0.0  999.9         67    4.6    18.7        134    3.7   358.1
  1    0.0  999.9         68    4.5    23.3        135    3.6   355.1
  2    0.0  999.9         69    4.4    19.4        136    3.4   353.8
  3    0.0  999.9         70    4.2    14.9        137    3.3   352.6
  4    4.5  277.5         71    4.4    15.7        138    3.2   349.5
  5    4.7  276.3         72    4.7    17.5        139    3.2   346.0
  6    4.7  275.6         73    4.9    19.4        140    3.2   345.1
  7    4.8  274.7         74    5.0    21.3        141    3.2   346.1
  8    5.0  271.2         75    5.0    22.0        142    3.3   351.5
  9    5.0  268.9         76    4.9    22.2        143    3.4   357.0
 10    4.6  266.1         77    4.8    22.5        144    3.4   359.8
 11    4.2  262.9         78    4.7    23.1        145    3.3     0.7
 12    4.1  260.3         79    4.8    24.2        146    3.2   358.8
 13    4.1  256.4         80    4.9    24.4        147    3.1   359.0
 14    3.5  248.3         81    5.1    24.3        148    3.0   359.5
 15    3.3  246.4         82    5.3    24.1        149    3.1   357.2
 16    3.1  248.2         83    5.3    24.3        150    3.2   352.1
 17    3.0  249.1         84    5.3    24.0        151    3.2   351.8
 18    2.8  246.3         85    5.1    22.8        152    3.1   355.8
 19    2.6  245.3         86    4.8    19.6        153    3.2   359.3
 20    2.4  245.8         87    4.6    17.2        154    3.3   353.7
 21    2.3  245.3         88    4.7    17.3        155    3.3   350.8
 22    2.4  243.4         89    4.7    17.7        156    3.4   358.5
 23    2.3  241.7         90    4.8    19.0        157    3.6     3.1
 24    2.0  237.2         91    4.9    20.9        158    3.5     1.8
 25    1.6  230.3         92    4.9    20.9        159    3.5   357.0
 26    1.5  227.0         93    4.8    19.7        160    3.4   350.5
 27    1.5  225.3         94    4.7    19.1        161    3.3   347.9
 28    1.2  222.6         95    4.7    19.0        162    3.3   352.5
 29    0.9  214.7         96    4.8    19.7        163    3.3   351.7
 30    0.8  208.5         97    4.9    23.8        164    3.2   348.8
 31    0.7  208.3         98    4.8    24.0        165    3.3   350.6
 32    0.9  225.4         99    4.5    20.1        166    3.3   350.6
 33    1.2  252.4        100    4.3    18.2        167    3.3   348.3
 34    1.9  275.3        101    4.3    18.0        168    3.3   347.5
 35    2.1  284.4        102    4.4    18.3        169    3.5   349.1
 36    2.1  287.1        103    4.3    17.9        170    3.6   352.6
 37    2.2  284.8        104    4.3    16.2        171    3.6   347.1
 38    2.2  283.5        105    4.2    15.6        172    3.6   336.7
 39    2.2  284.7        106    4.3    16.6        173    3.6   329.2
 40    1.9  287.4        107    4.5    15.2        174    3.5   326.0
 41    1.6  294.2        108    4.3    12.9        175    3.5   325.7
 42    1.6  300.3        109    4.2    10.2        176    3.4   324.9
 43    1.6  304.7        110    4.1     8.0        177    3.2   326.4
 44    1.7  293.1        111    4.1     5.6        178    3.0   330.4
 45    1.7  300.4        112    3.9     3.3        179    3.0   332.9
 46    1.9  323.9        113    3.7     0.3        180    3.2   333.4
 47    2.0  331.2        114    3.8     2.7        181    3.4   335.0
 48    1.9  342.5        115    4.1     6.8        182    3.5   343.1
 49    1.8  353.0        116    4.0     5.4        183    3.5   347.7
 50    1.8  355.3        117    3.9     4.8        184    3.5   342.3
 51    1.8  355.7        118    4.0     4.6        185    3.5   339.1
 52    1.9    1.5        119    4.0     4.4        186    3.6   334.9
 53    2.1    6.3        120    4.1     6.7        187    3.6   330.6
 54    2.1    3.4        121    4.2     8.8        188    3.6   330.7
 55    2.2    3.4        122    4.4     8.4        189    3.5   330.5
 56    2.6    5.4        123    4.1     7.4        190    3.3   330.8
 57    2.7   12.5        124    3.8     5.8        191    3.2   336.9
 58    2.9   17.8        125    3.6     4.4        192    3.2   343.2
 59    3.1   17.5        126    3.4     3.4        193    3.3   345.4
 60    3.2   22.0        127    3.4     0.8        194    3.4   338.4
 61    3.4   24.0        128    3.6     4.4        195    3.6   334.6
 62    3.5   19.2        129    3.7     9.2        196    3.8   337.7
 63    3.6   13.7        130    3.7     7.8        197    3.9   344.1
 64    4.0   11.8        131    3.9     4.3        198    4.0   340.4
 65    4.2   10.3        132    3.8     3.1        199    4.4   331.2
 66    4.3   11.9        133    3.8     1.9        200    4.6   327.6
```

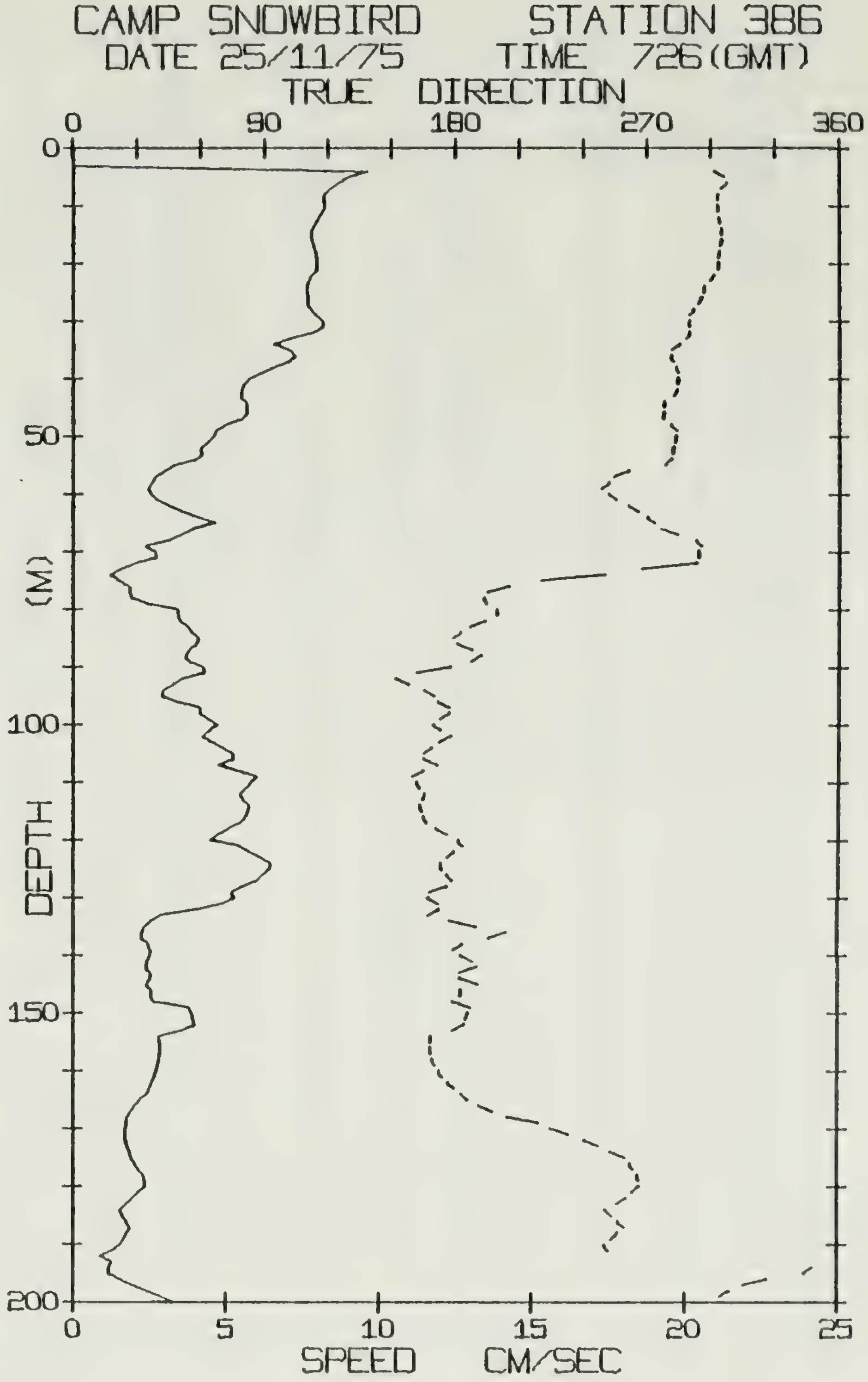

CAMP SNOWBIRD
DATE 23/11/75
STATION 383
TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 24/11/75
STATION 384
TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 383     (200M.)      23/NOV/75      2242 GMT
LAT= 73.8722N  LONG= 144.0837W  LTER=     1.  LGER=      2.
NIVEL=   1.1   EIVEL=  -7.0     NVER=     0.  EVER=      0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    3.3   323.8    134    2.4   322.2
  1    0.0   999.9     68    3.3   325.7    135    2.3   322.7
  2    0.0   999.9     69    3.3   327.4    136    2.4   323.1
  3    0.0   999.9     70    3.2   332.5    137    2.5   327.0
  4    2.9   284.1     71    3.3   337.0    138    2.7   324.1
  5    3.0   283.4     72    3.4   340.4    139    2.9   316.5
  6    3.1   283.8     73    3.4   343.9    140    3.2   310.3
  7    3.1   284.6     74    3.3   346.8    141    3.1   312.4
  8    3.1   285.3     75    3.3   350.7    142    2.9   318.1
  9    3.2   286.0     76    3.4   349.5    143    2.9   320.7
 10    3.4   285.6     77    3.4   347.4    144    2.9   321.9
 11    3.5   284.8     78    3.2   349.4    145    2.7   331.7
 12    3.5   285.1     79    2.9   352.2    146    2.7   337.6
 13    3.4   286.0     80    2.7   346.6    147    2.7   341.6
 14    3.3   286.9     81    2.8   338.3    148    2.8   340.0
 15    3.2   288.0     82    2.8   337.3    149    3.2   341.2
 16    3.1   288.8     83    2.7   337.0    150    3.3   342.1
 17    3.0   289.2     84    2.8   331.9    151    3.3   338.6
 18    3.0   289.0     85    2.9   330.0    152    3.4   336.1
 19    2.9   286.0     86    2.9   329.9    153    3.4   333.8
 20    2.9   282.9     87    3.0   329.9    154    3.5   329.2
 21    2.9   281.9     88    3.0   332.8    155    3.5   324.6
 22    3.0   282.3     89    3.1   335.4    156    3.6   321.9
 23    3.0   282.7     90    3.1   334.3    157    3.5   319.0
 24    3.0   283.0     91    3.2   331.3    158    3.3   315.1
 25    2.9   283.0     92    3.3   328.4    159    3.3   314.1
 26    2.7   283.1     93    3.4   327.1    160    3.3   314.6
 27    2.6   284.4     94    3.2   325.6    161    3.3   315.4
 28    2.6   287.2     95    3.2   321.6    162    3.2   318.5
 29    2.7   292.7     96    3.3   317.5    163    3.1   321.4
 30    2.9   288.5     97    3.2   322.0    164    3.0   323.4
 31    3.0   283.8     98    3.3   322.4    165    2.9   322.1
 32    3.0   282.9     99    3.5   322.0    166    2.9   320.6
 33    2.6   292.8    100    3.6   322.6    167    2.9   320.5
 34    2.2   310.8    101    3.7   322.2    168    2.9   320.9
 35    1.9   319.7    102    3.7   320.1    169    3.1   321.3
 36    1.3   322.4    103    3.7   317.0    170    3.2   322.1
 37    1.5   308.8    104    3.7   313.6    171    3.2   325.0
 38    2.1   300.8    105    3.7   311.1    172    3.1   326.9
 39    2.6   289.2    106    3.5   312.6    173    3.1   326.5
 40    3.2   290.0    107    3.3   316.0    174    3.1   325.9
 41    3.7   297.1    108    3.2   318.1    175    3.0   325.5
 42    3.6   301.9    109    3.4   314.1    176    3.0   323.6
 43    3.4   306.6    110    3.6   311.7    177    3.0   319.9
 44    3.3   313.6    111    3.6   315.1    178    3.0   316.6
 45    3.5   317.1    112    3.5   322.7    179    3.1   313.5
 46    3.5   317.6    113    3.5   327.7    180    3.1   310.4
 47    3.6   317.0    114    3.5   328.2    181    3.1   309.0
 48    3.6   314.7    115    3.5   329.4    182    3.2   307.7
 49    3.8   309.4    116    3.5   330.6    183    3.1   305.4
 50    3.9   304.7    117    3.6   322.9    184    2.9   300.2
 51    3.9   307.0    118    3.7   318.1    185    2.8   296.0
 52    3.8   309.5    119    3.6   323.1    186    2.9   295.4
 53    3.7   311.7    120    3.6   320.3    187    2.9   294.9
 54    3.5   315.2    121    3.4   326.6    188    3.0   294.3
 55    3.3   321.0    122    3.2   319.4    189    3.1   293.8
 56    3.3   322.9    123    3.1   311.8    190    3.0   294.2
 57    3.3   321.1    124    2.8   311.8    191    2.8   294.7
 58    3.4   321.5    125    3.1   304.4    192    2.4   292.4
 59    3.4   323.9    126    3.2   302.5    193    2.5   291.5
 60    3.4   325.1    127    3.1   303.8    194    2.4   291.9
 61    3.7   326.3    128    3.3   301.7    195    2.2   292.3
 62    3.9   325.3    129    3.4   299.5    196    2.0   288.6
 63    3.7   327.2    130    3.1   304.1    197    1.8   286.3
 64    3.4   329.8    131    2.9   305.5    198    1.5   287.3
 65    3.2   327.6    132    2.9   308.0    199    1.2   288.7
 66    3.2   325.6    133    2.7   316.0    200    1.2   288.7
```

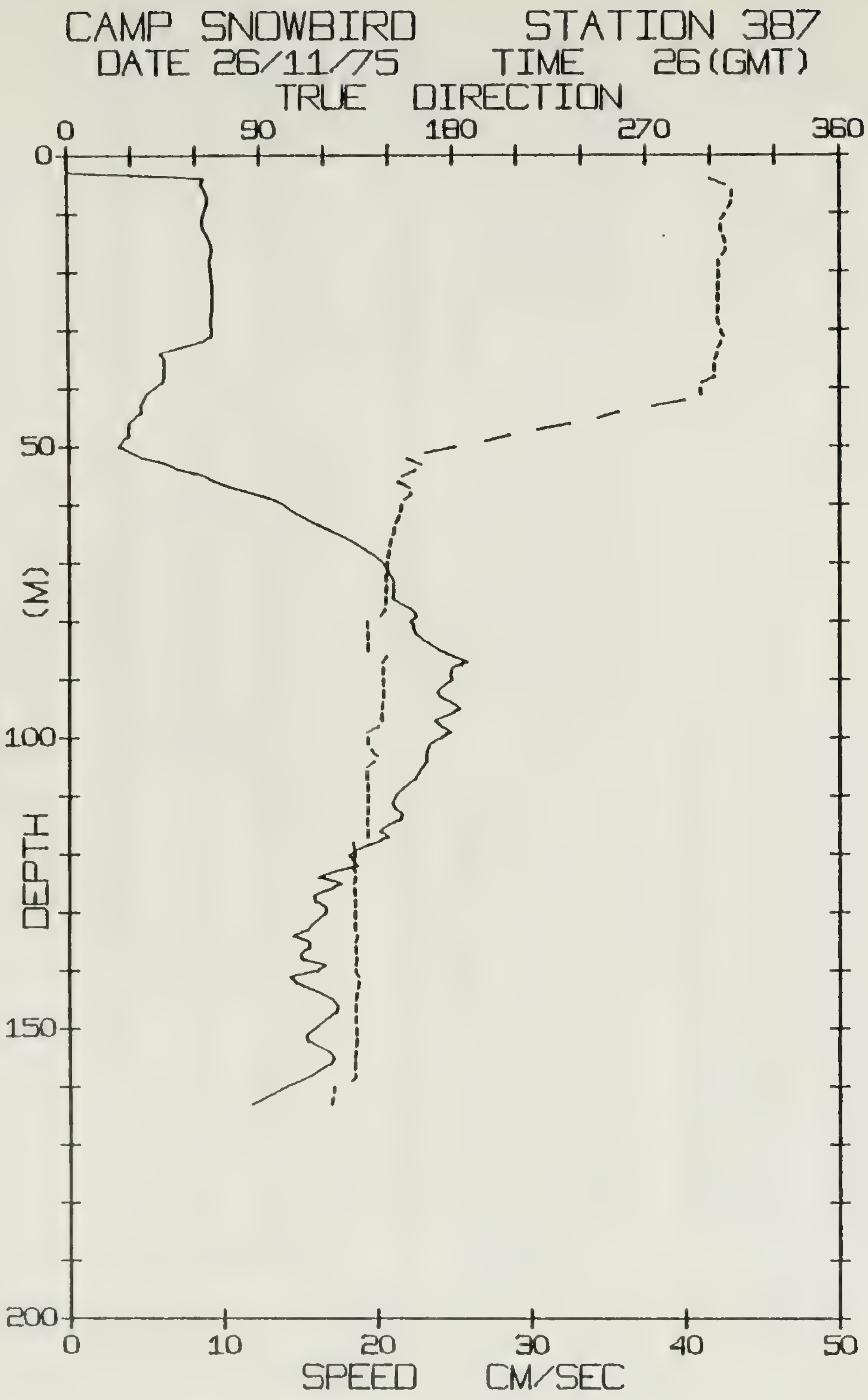
```
SNOWBIRD STATION 384     (200M.)      24/NOV/75       542 GMT
LAT= 73.8768N  LONG= 144.1215W  LTER=     0.  LGER=      0.
NIVEL=   1.7   EIVEL=  -2.2     NVER=     0.  EVER=      0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    2.1   109.6    134    2.0    65.1
  1    0.0   999.9     68    2.1   107.0    135    2.0    64.1
  2    0.0   999.9     69    2.1   103.4    136    1.9    62.6
  3    0.0   999.9     70    2.1   101.1    137    1.9    63.4
  4    1.3   307.0     71    2.1    99.0    138    1.9    65.7
  5    1.4   301.3     72    2.0    97.8    139    1.9    67.1
  6    1.4   271.6     73    2.0    96.5    140    1.7    63.7
  7    2.2   260.4     74    1.9    94.6    141    1.8    66.1
  8    2.1   260.1     75    1.7    93.3    142    1.9    69.0
  9    2.2   260.6     76    1.6    93.1    143    1.9    69.8
 10    2.4   261.6     77    1.4    92.8    144    1.9    70.4
 11    2.5   262.0     78    1.3    95.2    145    1.8    71.2
 12    2.7   262.4     79    1.5   101.2    146    1.3    56.1
 13    2.7   262.1     80    2.0   106.6    147    1.2    47.7
 14    2.7   261.9     81    2.2   109.6    148    1.2    47.7
 15    2.6   261.6     82    2.3   112.5    149    1.1    47.7
 16    2.6   261.5     83    2.2   114.4    150    1.1    47.6
 17    2.6   261.8     84    2.0   114.6    151    1.2    56.6
 18    2.7   262.2     85    1.7   116.0    152    1.2    59.1
 19    2.7   262.8     86    1.4   121.7    153    1.1    55.5
 20    2.8   263.1     87    1.3   127.6    154    1.2    62.8
 21    2.9   262.2     88    1.3   129.7    155    1.3    67.2
 22    2.9   263.6     89    1.4   133.7    156    1.3    68.3
 23    2.9   266.8     90    1.6   137.2    157    1.2    68.2
 24    2.7   268.0     91    1.8   137.4    158    1.1    62.3
 25    2.6   267.9     92    2.0   136.0    159    1.0    55.1
 26    2.6   265.7     93    2.2   135.4    160    0.9    46.5
 27    2.7   257.9     94    2.1   134.4    161    0.9    49.6
 28    2.4   247.0     95    1.9   129.6    162    0.9    51.1
 29    2.3   243.7     96    1.7   121.8    163    0.9    53.5
 30    2.1   239.5     97    1.7   120.3    164    0.8    50.8
 31    1.9   235.4     98    1.6   118.8    165    0.9    52.1
 32    1.7   231.5     99    1.7   118.8    166    1.1    59.2
 33    1.5   226.5    100    1.8   118.8    167    1.1    59.1
 34    1.4   220.8    101    1.9   119.0    168    1.1    55.8
 35    1.2   213.3    102    2.0   118.9    169    1.0    54.0
 36    1.0   204.1    103    2.1   118.9    170    1.0    51.3
 37    0.8   189.2    104    1.9   115.9    171    0.9    48.9
 38    0.7   176.6    105    1.7   111.1    172    0.9    57.6
 39    0.7   162.0    106    1.5   103.0    173    0.9    76.8
 40    0.7   142.4    107    1.6    99.3    174    0.8    89.7
 41    0.8   128.0    108    1.5    95.4    175    0.9    91.4
 42    0.9   126.5    109    1.5    91.9    176    1.0    91.2
 43    0.9   125.3    110    1.7    91.2    177    1.0    90.1
 44    1.0   121.8    111    2.0    92.7    178    1.1    89.7
 45    1.1   116.4    112    2.0    92.4    179    1.1    88.8
 46    1.2   112.9    113    2.1    92.7    180    1.2    87.5
 47    1.3   109.6    114    2.2    92.5    181    1.2    85.9
 48    1.4   108.2    115    2.4    90.6    182    1.3    82.5
 49    1.5   104.4    116    2.7    86.2    183    1.9    89.8
 50    1.6   102.4    117    2.9    81.6    184    1.8    83.2
 51    1.7   100.7    118    3.1    78.9    185    2.2    85.9
 52    1.8    99.3    119    3.1    77.6    186    2.1    82.3
 53    1.8    98.2    120    3.1    76.2    187    2.0    74.1
 54    1.9    97.3    121    3.1    76.0    188    1.8    61.6
 55    2.0    96.7    122    3.1    75.6    189    1.7    55.0
 56    2.0    96.2    123    3.0    75.4    190    1.6    51.8
 57    2.1    95.9    124    3.0    75.1    191    1.5    48.3
 58    2.2    94.4    125    2.9    74.6    192    1.4    42.8
 59    2.2    96.9    126    2.8    74.0    193    1.4    40.3
 60    2.1   105.4    127    2.7    73.3    194    1.3    32.7
 61    2.1   110.3    128    2.6    72.1    195    1.3    24.9
 62    2.1   112.1    129    2.5    70.5    196    1.3    24.1
 63    2.1   113.6    130    2.4    69.1    197    1.4    29.8
 64    2.1   112.7    131    2.3    67.6    198    1.4    25.3
 65    2.1   111.7    132    2.2    66.0    199    1.3     4.9
 66    2.1   110.9    133    2.1    66.0    200    1.4   356.9
```

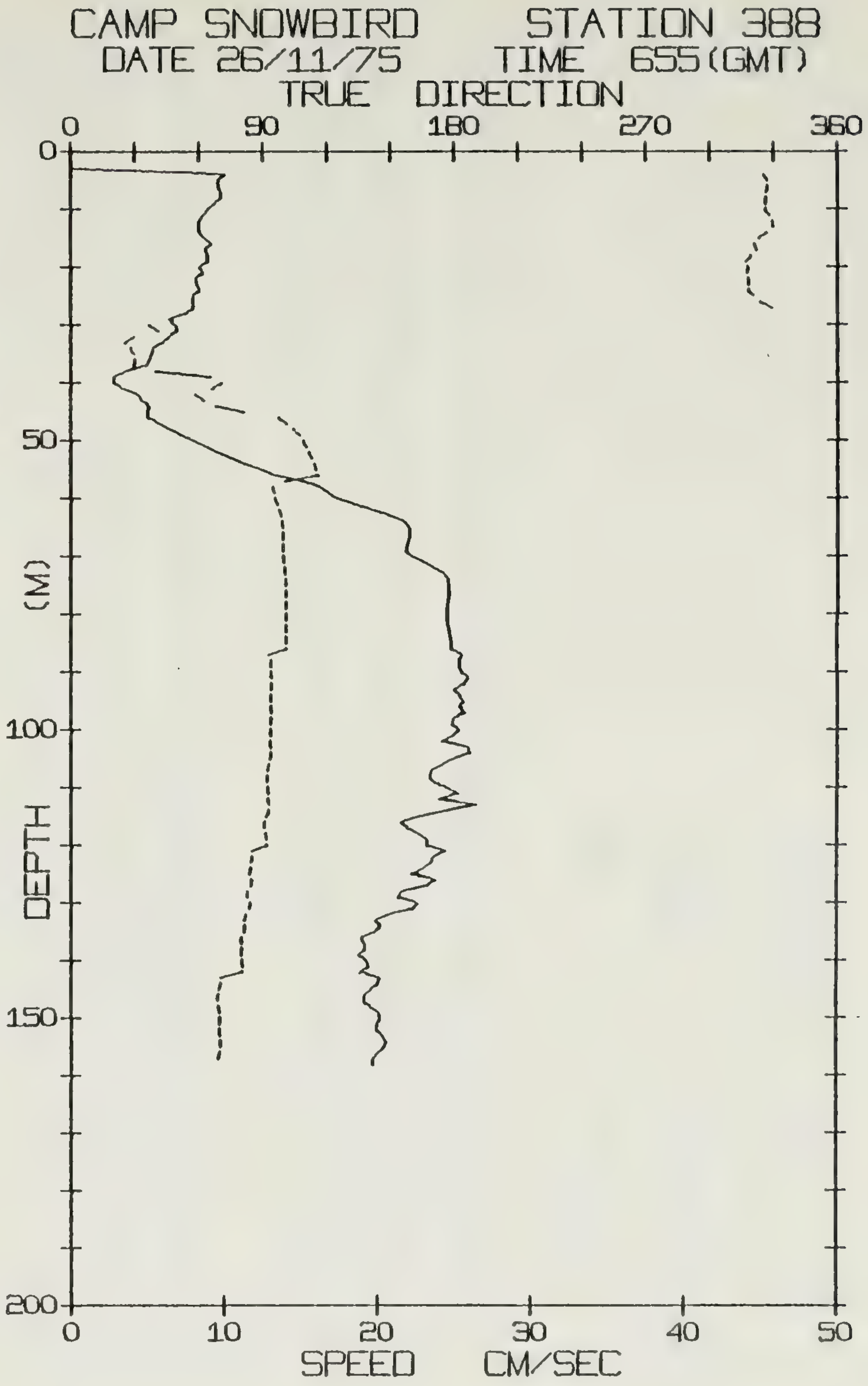

CAMP SNOWBIRD STATION 385
DATE 24/11/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 386
DATE 25/11/75 TIME 726(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 385     (200M.)      24/NOV/75      2242 GMT
LAT= 73.8843N  LONG= 144.2045W  LTER=      1   LGER=       2.
NIVEL=   2.3   EIVEL=  -9.6     NVER=      0.  EVER=       0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    4.2  264.8      134    3.6  270.4
  1    0.0  999.9       68    4.6  267.4      135    3.4  270.7
  2    0.0  999.9       69    4.8  268.6      136    3.2  271.0
  3    0.0  999.9       70    4.8  268.5      137    3.0  271.8
  4    6.6  281.7       71    4.7  268.1      138    2.9  272.6
  5    6.2  283.7       72    4.4  265.1      139    2.8  274.3
  6    6.2  286.8       73    4.0  260.8      140    2.8  275.7
  7    6.1  289.6       74    4.0  262.3      141    2.8  276.5
  8    5.8  289.9       75    3.9  265.4      142    2.9  277.5
  9    5.6  289.1       76    3.9  265.6      143    3.0  278.5
 10    5.3  288.7       77    3.7  264.8      144    3.1  279.4
 11    5.1  288.9       78    3.7  262.2      145    3.3  280.3
 12    5.1  289.1       79    3.7  259.7      146    3.3  280.9
 13    5.0  289.3       80    3.7  258.1      147    3.3  281.6
 14    4.9  289.5       81    3.7  256.6      148    3.3  282.2
 15    4.9  289.6       82    3.7  255.8      149    3.2  282.8
 16    4.8  289.4       83    3.7  255.3      150    2.9  283.4
 17    4.8  289.0       84    3.8  256.4      151    2.8  284.2
 18    4.7  288.5       85    4.0  259.2      152    2.8  284.9
 19    4.7  288.0       86    4.2  261.5      153    2.3  286.4
 20    4.7  287.6       87    4.2  261.9      154    2.5  286.7
 21    4.6  285.3       88    3.9  259.1      155    2.8  287.5
 22    4.6  283.6       89    3.7  256.4      156    2.8  288.3
 23    4.6  282.4       90    3.6  256.2      157    2.7  286.5
 24    4.6  281.2       91    3.5  256.1      158    2.6  279.9
 25    4.7  280.2       92    3.6  258.7      159    2.7  277.7
 26    4.7  279.7       93    3.8  261.9      160    2.7  277.3
 27    4.7  278.9       94    4.0  264.0      161    2.7  276.6
 28    4.7  278.1       95    4.0  264.1      162    2.6  276.1
 29    4.6  277.2       96    4.0  263.3      163    2.5  273.2
 30    4.6  274.3       97    3.9  262.8      164    2.4  270.3
 31    4.7  271.4       98    3.9  262.1      165    2.6  268.2
 32    4.8  270.2       99    3.7  262.4      166    2.4  265.2
 33    4.9  269.7      100    3.6  262.7      167    2.2  263.3
 34    4.9  269.1      101    3.8  264.2      168    2.1  262.0
 35    4.6  264.8      102    4.0  265.9      169    1.8  257.4
 36    4.2  260.7      103    4.2  267.5      170    1.5  249.9
 37    4.2  259.9      104    4.4  268.9      171    1.4  247.2
 38    4.8  262.2      105    4.3  268.3      172    1.2  253.4
 39    5.4  261.9      106    4.1  267.6      173    1.0  263.6
 40    5.9  260.5      107    4.0  267.0      174    0.9  284.7
 41    6.2  261.1      108    3.9  266.3      175    1.2  300.5
 42    6.3  261.8      109    3.9  266.1      176    1.8  310.0
 43    6.3  261.6      110    3.9  265.8      177    2.1  319.8
 44    6.4  261.0      111    3.8  265.6      178    2.6  322.5
 45    6.8  261.6      112    3.8  265.4      179    3.1  319.6
 46    7.1  264.0      113    3.7  264.6      180    3.4  315.3
 47    7.6  266.7      114    3.6  263.6      181    3.6  311.2
 48    7.5  267.9      115    3.5  262.5      182    3.8  308.7
 49    7.4  268.2      116    3.5  261.5      183    3.9  306.5
 50    7.2  268.9      117    3.4  260.6      184    4.0  301.4
 51    6.7  272.0      118    3.7  262.4      185    4.1  293.8
 52    6.8  271.0      119    3.8  264.1      186    3.7  286.6
 53    6.7  270.1      120    3.9  264.1      187    3.6  277.0
 54    6.4  266.8      121    4.0  263.1      188    3.6  268.9
 55    6.1  263.2      122    4.1  260.9      189    3.4  263.5
 56    5.8  261.0      123    4.2  260.0      190    3.3  259.3
 57    5.5  259.0      124    4.1  259.0      191    2.9  252.2
 58    5.2  256.7      125    4.0  257.5      192    2.7  247.1
 59    4.9  253.7      126    3.8  254.0      193    2.5  242.6
 60    4.6  254.0      127    3.7  250.1      194    2.5  242.8
 61    4.5  258.4      128    3.6  247.7      195    2.4  238.2
 62    4.4  261.7      129    3.6  247.7      196    2.3  236.9
 63    4.3  263.7      130    3.5  250.2      197    2.3  239.4
 64    4.2  266.0      131    3.4  256.8      198    3.0  254.5
 65    4.2  265.8      132    3.5  264.5      199    3.5  266.1
 66    4.1  264.8      133    3.7  269.1      200    3.7  272.4
```

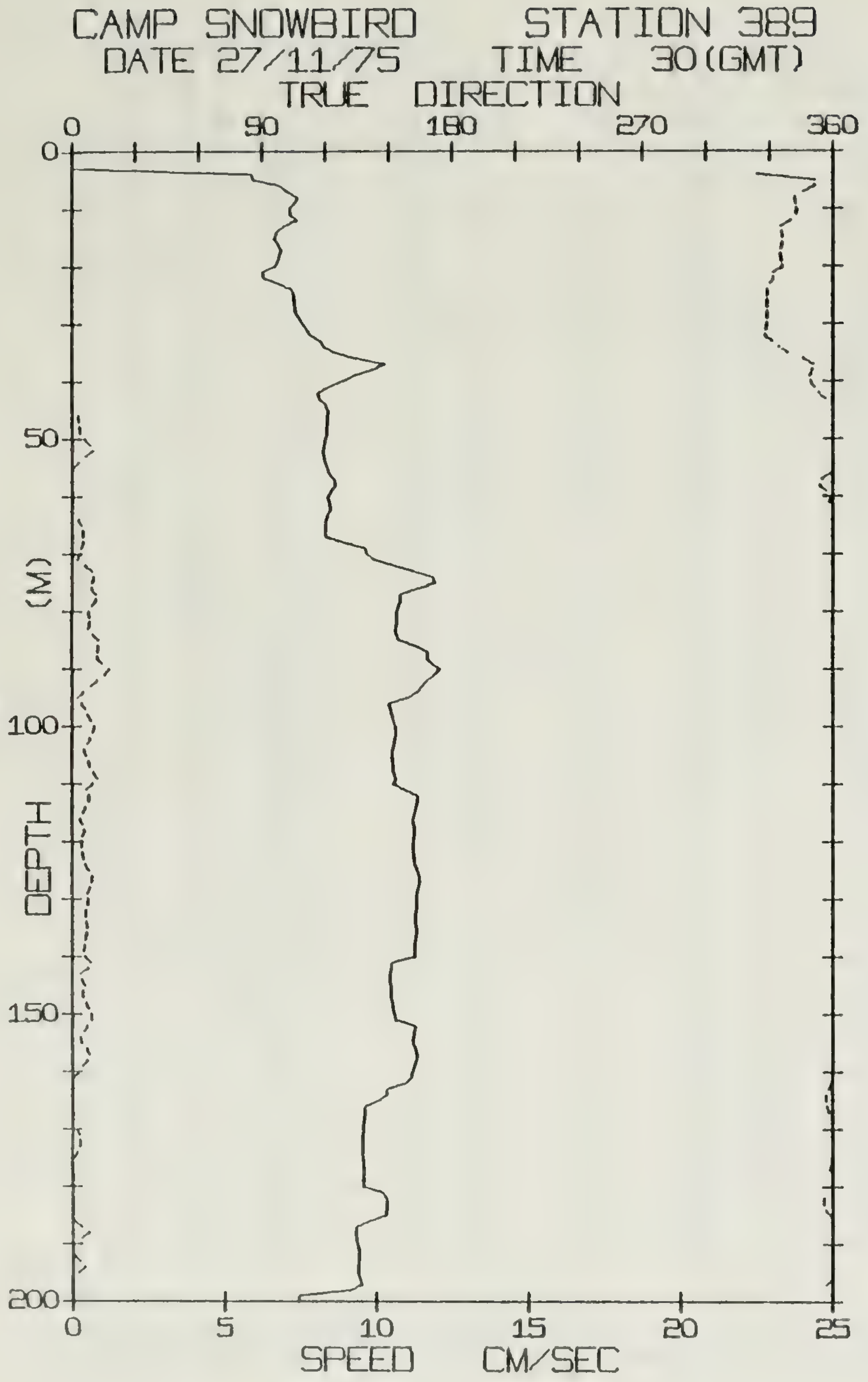
```
SNOWBIRD STATION 386     (200M.)      25/NOV/75       726 GMT
LAT= 73.8923N  LONG= 144.3041W  LTER=      1.  LGER=       2.
NIVEL=   3.8   EIVEL= -11.8     NVER=      0.  EVER=       0.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    3.6  284.3      134    2.5  177.3
  1    0.0  999.9       68    3.1  293.3      135    2.3  189.5
  2    0.0  999.9       69    2.4  295.7      136    2.2  203.7
  3    0.0  999.9       70    2.7  294.5      137    2.3  195.8
  4    9.6  301.8       71    2.7  294.5      138    2.5  183.3
  5    9.0  306.3       72    2.0  293.2      139    2.5  179.2
  6    8.7  307.3       73    1.6  267.5      140    2.5  182.7
  7    8.4  305.0       74    1.2  249.9      141    2.4  187.8
  8    8.2  303.2       75    1.5  220.5      142    2.4  189.9
  9    8.2  302.9       76    1.8  205.4      143    2.5  182.3
 10    8.2  302.8       77    1.9  195.6      144    2.5  182.7
 11    8.1  303.3       78    1.9  193.8      145    2.4  190.9
 12    8.0  303.9       79    2.4  195.1      146    2.5  182.9
 13    7.9  304.5       80    3.4  199.4      147    2.6  182.1
 14    7.8  305.0       81    3.4  199.5      148    2.7  178.9
 15    7.8  305.0       82    3.6  193.9      149    3.8  186.9
 16    7.8  304.5       83    3.8  187.1      150    3.9  185.9
 17    7.9  304.1       84    3.9  182.6      151    4.0  184.7
 18    8.0  303.6       85    4.1  178.8      152    4.0  183.8
 19    8.0  303.3       86    4.0  181.2      153    3.6  179.0
 20    8.0  303.2       87    3.8  187.8      154    2.8  168.4
 21    8.0  303.2       88    3.7  191.9      155    2.8  168.2
 22    7.8  301.3       89    3.8  188.0      156    2.8  168.3
 23    7.7  299.2       90    4.3  177.9      157    2.8  168.7
 24    7.6  296.9       91    4.3  162.0      158    2.8  169.4
 25    7.7  296.8       92    3.6  152.4      159    2.8  170.5
 26    7.7  295.5       93    3.3  158.3      160    2.7  172.0
 27    7.7  293.9       94    3.0  165.3      161    2.6  174.0
 28    7.8  291.7       95    2.9  169.9      162    2.6  176.5
 29    8.0  289.7       96    3.4  171.7      163    2.5  179.5
 30    8.2  289.5       97    4.1  176.8      164    2.4  183.2
 31    8.1  289.7       98    4.2  177.0      165    2.2  186.0
 32    7.8  290.0       99    4.4  173.1      166    2.0  191.1
 33    7.1  288.5      100    4.7  169.6      167    1.9  197.6
 34    6.6  285.2      101    4.5  173.2      168    1.8  204.4
 35    7.1  281.4      102    4.2  177.5      169    1.7  219.2
 36    7.3  281.1      103    4.5  172.8      170    1.7  225.2
 37    7.1  282.4      104    4.9  168.9      171    1.7  233.3
 38    6.6  283.8      105    5.2  165.2      172    1.7  240.8
 39    6.2  284.8      106    5.2  165.5      173    1.8  247.3
 40    5.8  284.2      107    4.7  171.6      174    1.9  253.0
 41    5.6  283.9      108    5.4  165.0      175    1.9  260.0
 42    5.5  283.6      109    6.0  160.0      176    2.0  262.3
 43    5.5  282.5      110    5.8  161.7      177    2.1  264.0
 44    5.6  278.1      111    5.6  163.5      178    2.3  266.0
 45    5.7  277.8      112    5.5  165.3      179    2.4  266.8
 46    5.7  277.7      113    5.6  164.4      180    2.3  266.4
 47    5.5  277.1      114    5.8  163.3      181    2.1  263.8
 48    5.0  281.3      115    5.7  164.2      182    1.9  260.5
 49    4.7  283.8      116    5.6  165.1      183    1.7  256.4
 50    4.6  283.3      117    5.5  166.5      184    1.5  251.0
 51    4.4  282.8      118    5.1  170.8      185    1.6  253.5
 52    4.2  282.0      119    4.8  175.8      186    1.7  256.6
 53    4.2  281.7      120    4.5  181.1      187    1.9  259.5
 54    4.0  280.8      121    5.4  183.4      188    1.8  256.8
 55    3.3  278.3      122    5.8  179.4      189    1.6  253.7
 56    3.0  261.4      123    6.1  175.9      190    1.5  250.5
 57    2.7  254.4      124    6.4  173.3      191    1.3  251.9
 58    2.6  251.9      125    6.4  173.6      192    0.9  295.0
 59    2.5  249.0      126    6.2  176.0      193    1.2  340.3
 60    2.6  252.1      127    6.0  178.4      194    1.2  347.8
 61    2.8  255.7      128    5.6  175.9      195    1.2  344.4
 62    3.1  261.1      129    5.2  168.0      196    1.5  326.8
 63    3.5  265.7      130    5.3  167.1      197    1.9  316.0
 64    4.1  270.0      131    4.9  171.6      198    2.4  309.2
 65    4.6  273.4      132    4.1  172.4      199    2.9  304.6
 66    3.9  276.3      133    2.9  167.5      200    3.3  301.3
```

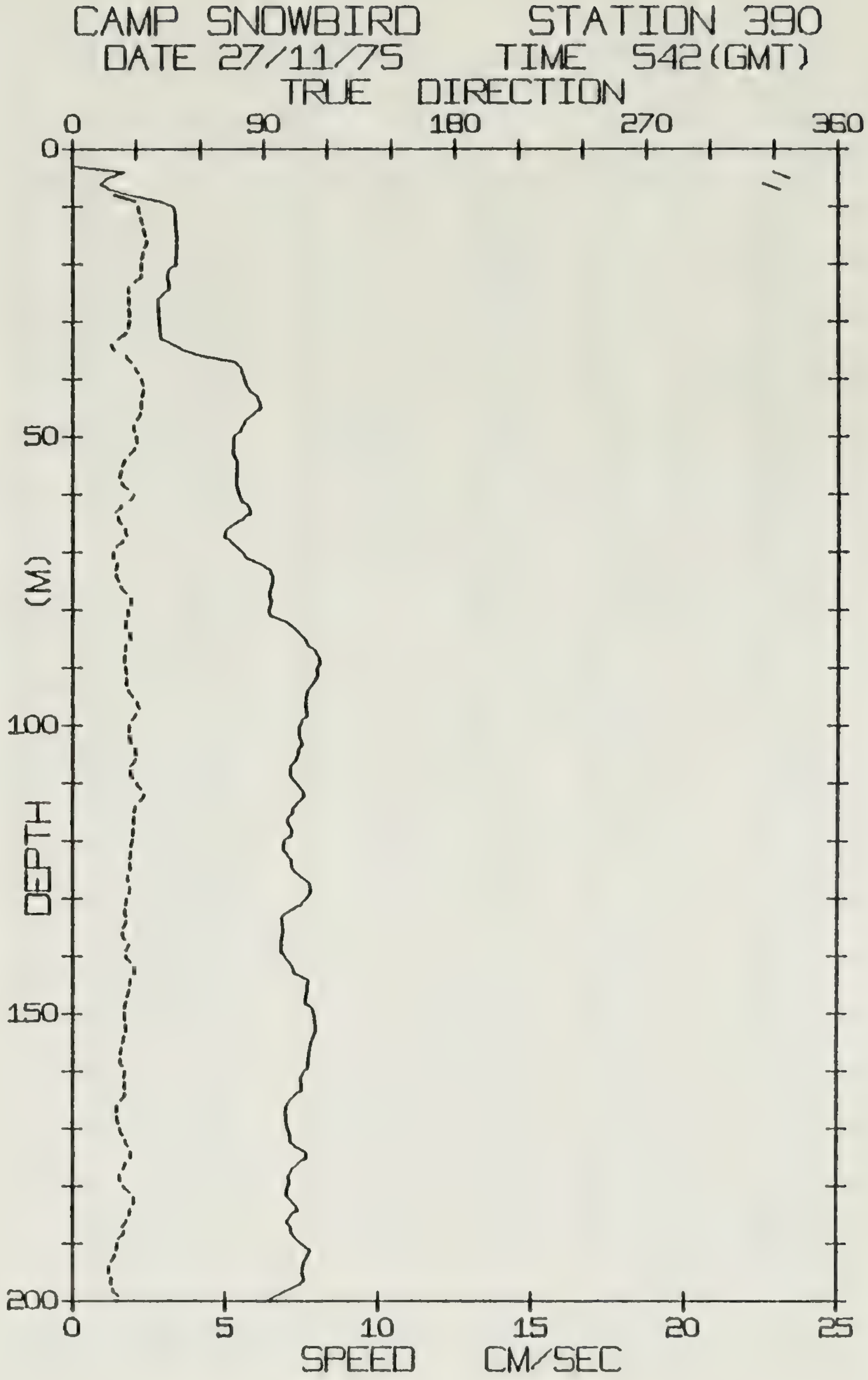

CAMP SNOWBIRD STATION 387
DATE 26/11/75 TIME 26(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
10
20
30
40
50
SPEED CM/SEC


CAMP SNOWBIRD STATION 388
DATE 26/11/75 TIME 655(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
10
20
30
40
50
SPEED CM/SEC

```
SNOWBIRD STATION 387     (163M.)     26/NOV/75          26 GMT
LAT= 73.9064N  LONG= 144.5083W  LTER=      1.   LCER=      1.
NIVEL=    5.6   EIVEL= -13.2     NVER=      0    EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   18.9   150.2      134   14.5   134.9
  1    0.0   999.9       68   19.4   149.7      135   15.6   134.1
  2    0.0   999.9       69   20.0   149.2      136   15.6   134.3
  3    0.0   999.9       70   20.5   148.9      137   15.1   134.7
  4    8.9   300.0       71   20.7   148.7      138   15.1   134.8
  5    8.7   306.9       72   20.9   148.6      139   16.7   133.8
  6    8.9   310.1       73   21.1   148.4      140   16.1   134.3
  7    9.1   310.3       74   21.1   148.4      141   14.3   135.6
  8    9.1   309.7       75   21.1   148.5      142   14.7   135.5
  9    9.0   308.4       76   21.0   148.5      143   15.6   134.9
 10    8.8   306.9       77   21.5   148.2      144   16.4   134.5
 11    8.7   305.4       78   22.3   147.7      145   17.2   134.1
 12    8.8   305.1       79   22.6   145.7      146   17.4   134.0
 13    8.9   305.5       80   22.3   139.9      147   17.3   134.0
 14    9.1   306.7       81   22.4   140.0      148   16.9   134.1
 15    9.3   307.7       82   22.5   140.1      149   16.4   134.4
 16    9.4   307.6       83   22.9   140.1      150   15.9   134.5
 17    9.3   306.0       84   23.5   139.9      151   15.4   134.8
 18    9.2   304.1       85   24.1   139.9      152   15.5   134.8
 19    9.3   303.8       86   24.9   148.5      153   16.2   134.1
 20    9.3   303.7       87   25.9   146.7      154   16.9   133.7
 21    9.4   303.6       88   24.9   147.2      155   17.2   133.3
 22    9.4   303.6       89   24.8   147.2      156   17.0   133.5
 23    9.4   303.6       90   24.9   147.2      157   16.3   133.7
 24    9.4   303.6       91   24.4   147.3      158   15.7   134.0
 25    9.4   303.5       92   24.0   147.3      159   15.0   132.0
 26    9.4   303.5       93   24.1   147.1      160   14.0   123.9
 27    9.3   303.4       94   24.9   146.7      161   13.3   123.6
 28    9.3   303.4       95   25.4   146.3      162   12.6   123.1
 29    9.3   304.2       96   24.7   146.5      163   11.9   122.5
 30    9.4   305.4       97   23.8   146.8
 31    9.4   306.7       98   24.1   145.0
 32    8.8   305.3       99   24.8   139.7
 33    7.4   303.6      100   24.2   140.0
 34    6.0   303.0      101   23.5   140.3
 35    6.2   302.0      102   23.3   141.7
 36    6.3   301.8      103   23.2   144.1
 37    6.2   301.7      104   23.3   142.8
 38    6.2   301.6      105   23.0   139.6
 39    6.1   296.4      106   22.7   139.7
 40    5.6   295.5      107   22.5   139.8
 41    5.1   295.9      108   22.0   140.0
 42    4.9   288.1      109   21.5   140.2
 43    4.7   273.2      110   21.2   140.3
 44    4.8   257.2      111   21.0   140.2
 45    4.4   247.9      112   21.2   140.1
 46    4.0   234.7      113   21.6   139.7
 47    3.9   219.6      114   21.5   139.6
 48    4.0   206.5      115   20.7   139.8
 49    3.6   195.5      116   20.1   140.0
 50    3.3   181.2      117   20.7   139.7
 51    4.0   167.4      118   19.9   132.9
 52    4.8   158.6      119   18.9   133.4
 53    6.4   165.2      120   18.2   133.7
 54    7.2   162.2      121   18.4   133.4
 55    8.8   156.1      122   18.8   133.1
 56    9.4   154.6      123   17.2   133.7
 57   10.5   159.5      124   16.2   134.1
 58   11.8   160.2      125   17.7   133.1
 59   13.1   157.5      126   17.0   133.5
 60   14.0   156.0      127   15.9   133.9
 61   14.4   155.2      128   16.0   133.9
 62   15.1   154.3      129   16.6   133.5
 63   15.8   153.3      130   16.7   133.4
 64   16.6   152.4      131   16.3   133.7
 65   17.4   151.6      132   15.8   134.0
 66   18.2   150.8      133   15.5   134.2
```

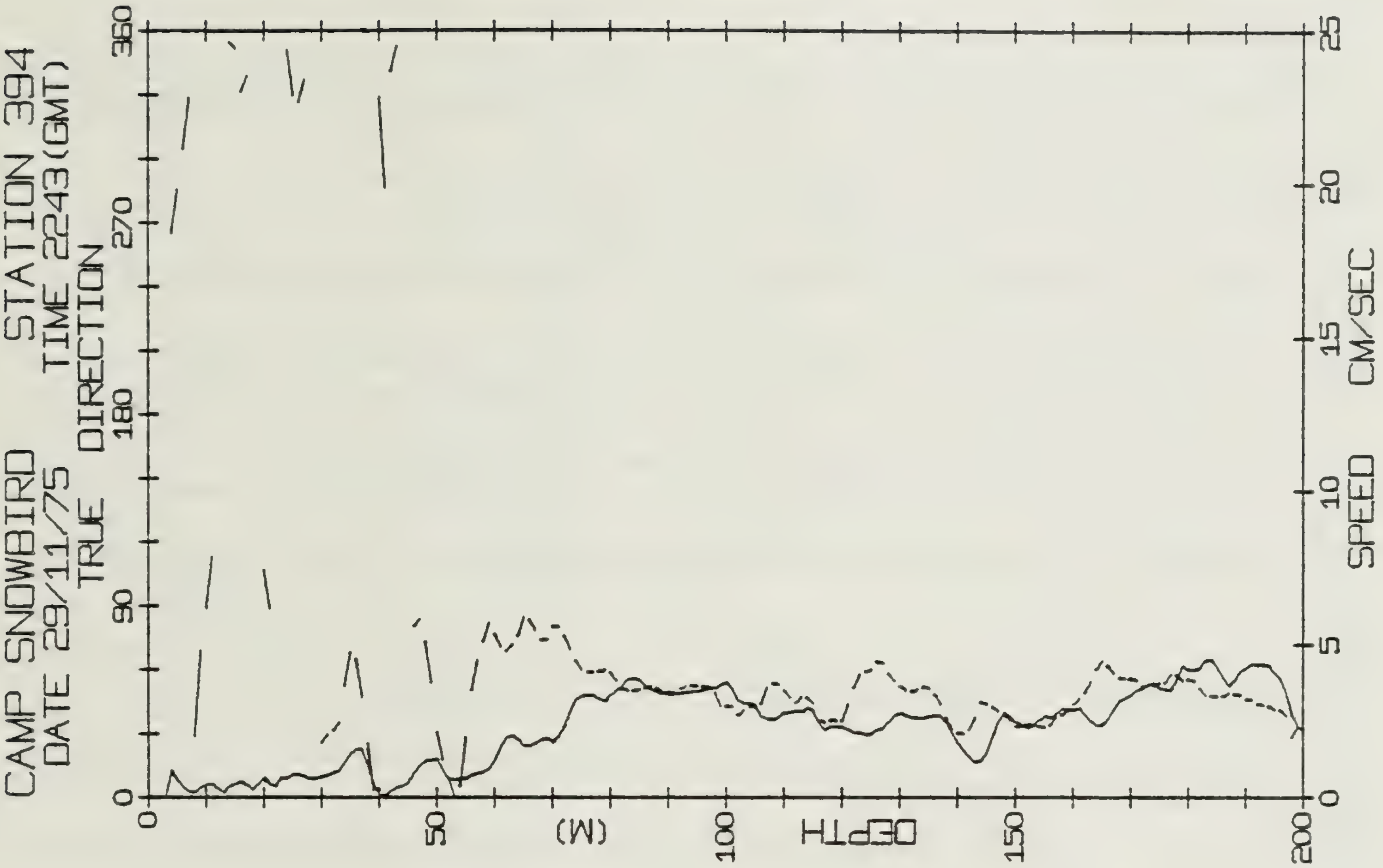
```
SNOWBIRD STATION 388     (158M.)     26/NOV/75         655 GMT
LAT= 73.9236N  LONG= 144.5915W  LTER=      0.   LGER=      1.
NIVEL=    9.7   EIVEL= -10.7     NVER=      0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   22.1    99.9      134   20.2    81.6
  1    0.0   999.9       68   21.9    99.8      135   19.8    81.2
  2    0.0   999.9       69   21.8    99.8      136   18.9    80.1
  3    0.0   999.9       70   22.2   100.0      137   19.2    80.4
  4   10.0   325.5       71   23.0   100.5      138   19.2    80.4
  5    9.7   327.2       72   23.7   100.8      139   18.8    80.0
  6    9.6   327.3       73   24.3   101.1      140   19.3    80.6
  7    9.8   326.4       74   24.6   101.3      141   19.5    80.8
  8    9.8   326.3       75   24.7   101.3      142   18.9    80.1
  9    9.4   326.4       76   24.7   101.3      143   20.1    70.6
 10    9.0   326.3       77   24.6   101.3      144   20.0    70.3
 11    8.6   328.1       78   24.6   101.2      145   19.5    69.6
 12    8.3   329.7       79   24.5   101.2      146   19.2    68.9
 13    8.3   330.2       80   24.5   101.2      147   19.1    68.8
 14    8.4   327.0       81   24.6   101.2      148   19.5    69.4
 15    8.7   323.0       82   24.6   101.3      149   20.1    70.0
 16    9.2   321.3       83   24.8   101.3      150   20.2    70.2
 17    8.8   322.2       84   24.8   101.3      151   20.0    69.7
 18    8.9   319.5       85   24.9   101.4      152   20.0    69.8
 19    9.0   317.3       86   24.8   101.3      153   20.3    70.2
 20    8.4   317.8       87   25.5    93.4      154   20.6    70.4
 21    8.6   317.6       88   25.4    94.2      155   20.4    70.2
 22    8.2   318.4       89   25.4    94.2      156   20.1    69.7
 23    8.2   318.4       90   25.5    94.3      157   19.7    69.1
 24    8.4   318.2       91   25.9    94.5      158   19.7    69.1
 25    8.0   321.0       92   25.7    94.4
 26    7.9   324.1       93   25.1    94.0
 27    8.0   329.1       94   25.3    94.2
 28    7.6   337.0       95   25.6    94.3
 29    6.4     8.5       96   25.4    94.2
 30    6.8    37.2       97   25.7    94.4
 31    6.9    41.1       98   25.0    94.0
 32    6.4    29.4       99   24.9    93.9
 33    6.0    25.7      100   25.3    94.2
 34    5.4    28.0      101   25.0    94.0
 35    5.3    29.7      102   24.2    93.5
 36    5.1    30.2      103   25.9    94.4
 37    4.9    29.6      104   26.1    94.3
 38    3.6    40.1      105   25.0    93.5
 39    2.8    65.8      106   24.2    92.9
 40    2.8    70.8      107   23.6    92.2
 41    3.3    66.5      108   23.4    92.1
 42    4.4    58.8      109   23.7    92.3
 43    4.6    62.3      110   24.5    92.8
 44    5.1    68.3      111   25.3    93.2
 45    5.0    80.9      112   24.0    92.5
 46    5.1    97.6      113   26.4    93.9
 47    5.7   101.4      114   24.6    92.8
 48    6.4   104.5      115   22.7    91.6
 49    7.1   107.2      116   21.6    90.8
 50    7.9   109.3      117   22.0    91.1
 51    8.8   110.7      118   22.7    91.6
 52    9.5   112.0      119   23.3    92.0
 53   10.4   113.3      120   23.2    92.0
 54   11.3   114.4      121   24.4    85.3
 55   12.4   115.5      122   23.7    84.8
 56   13.3   116.3      123   23.5    84.6
 57   15.0   100.9      124   23.0    84.2
 58   16.2    95.2      125   22.3    83.6
 59   16.8    95.8      126   23.8    84.8
 60   17.4    96.4      127   23.3    84.4
 61   18.5    97.4      128   21.6    83.0
 62   19.6    98.3      129   21.4    82.8
 63   20.8    99.1      130   22.7    83.9
 64   21.8    99.7      131   22.4    83.7
 65   22.1    99.9      132   20.7    82.1
 66   22.2   100.0      133   19.9    81.2
```

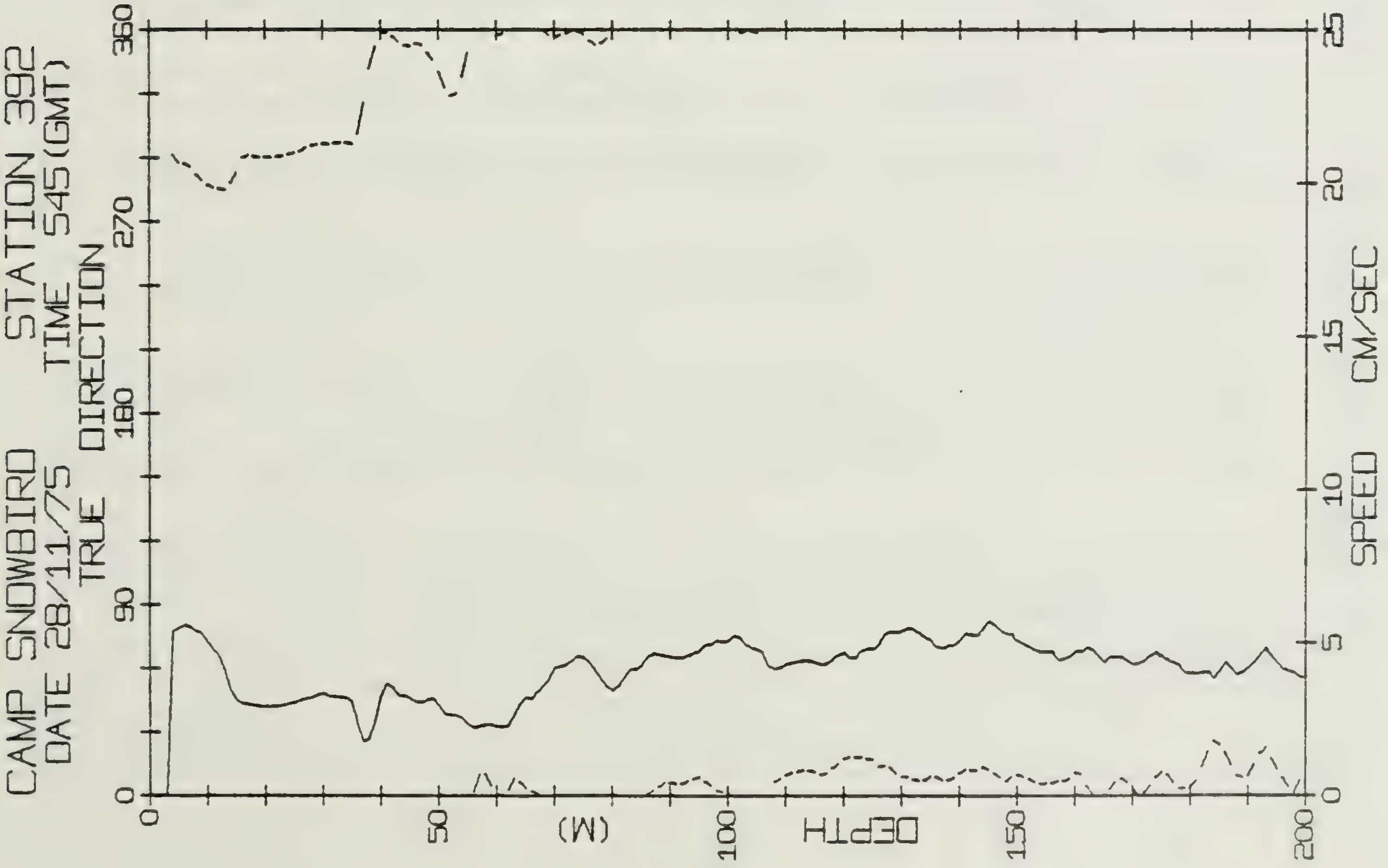

CAMP SNOWBIRD STATION 389
DATE 27/11/75 TIME 30(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 390
DATE 27/11/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 389     (200M.)     27/NOV/75        30 GMT
LAT= 73.9904N  LONG= 144.7485W  LTER=     0   LGER=     0.
NIVEL=  10.4   EIVEL=   -8.6    NVER=     0.  EVER=     0.

DPT   SPD    DRN        DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0  999.9         67   8.3    5.1       134  11.3    6.9
  1   0.0  999.9         68   8.9    5.0       135  11.3    7.4
  2   0.0  999.9         69   9.6    4.1       136  11.3    6.7
  3   0.0  999.9         70   9.7    3.1       137  11.3    6.1
  4   5.9  324.2         71  10.0    2.2       138  11.3    5.5
  5   6.0  351.5         72  10.6    6.0       139  11.3    5.4
  6   6.8  351.2         73  11.2    9.3       140  11.3    6.3
  7   7.1  346.4         74  11.9   10.1       141  10.5    8.8
  8   7.4  342.2         75  12.0    9.3       142  10.5    7.3
  9   7.3  342.4         76  11.4    9.1       143  10.4    3.6
 10   7.1  343.2         77  10.8   10.9       144  10.5    4.7
 11   7.2  342.2         78  10.8   10.9       145  10.5    6.3
 12   7.4  340.2         79  10.7    9.3       146  10.5    5.0
 13   7.0  335.7         80  10.7    7.7       147  10.5    5.4
 14   6.7  336.0         81  10.7    8.1       148  10.5    6.8
 15   6.6  336.4         82  10.7    8.3       149  10.6    7.9
 16   6.8  335.8         83  10.6    7.1       150  10.6    9.0
 17   6.9  335.2         84  10.7    9.6       151  10.7    9.6
 18   6.8  335.5         85  10.8   12.1       152  11.3    7.3
 19   6.8  335.8         86  11.3   12.0       153  11.3    5.6
 20   6.7  336.3         87  11.7   11.6       154  11.2    4.0
 21   6.2  332.2         88  11.7   11.8       155  11.2    4.7
 22   6.3  331.7         89  11.8   13.9       156  11.3    6.9
 23   6.8  330.2         90  12.1   17.2       157  11.4    8.4
 24   7.2  329.1         91  11.9   15.0       158  11.3    6.9
 25   7.3  328.9         92  11.7   11.6       159  11.2    4.9
 26   7.3  328.9         93  11.5    8.5       160  11.2    2.9
 27   7.4  328.9         94  11.4    5.1       161  11.1    0.8
 28   7.4  328.8         95  11.0    2.5       162  10.9  359.3
 29   7.5  328.7         96  10.4    4.3       163  10.4  357.7
 30   7.6  328.4         97  10.5    6.1       164  10.3  356.8
 31   7.7  328.1         98  10.5    7.5       165  10.1  357.1
 32   7.9  327.9         99  10.6    8.9       166   9.6  357.5
 33   8.2  331.5        100  10.6   10.4       167   9.6  358.3
 34   8.3  334.3        101  10.6    9.4       168   9.6  359.5
 35   8.6  338.7        102  10.6    8.3       169   9.6    0.7
 36   9.3  346.0        103  10.6    7.0       170   9.6    2.2
 37  10.3  350.5        104  10.5    5.6       171   9.6    3.4
 38   9.9  350.1        105  10.5    6.4       172   9.5    3.8
 39   9.3  349.1        106  10.5    7.8       173   9.6    3.4
 40   8.9  349.7        107  10.6    8.6       174   9.6    1.9
 41   8.4  351.3        108  10.6   10.2       175   9.6    0.7
 42   8.1  353.2        109  10.7   12.0       176   9.6  359.5
 43   8.1  355.9        110  10.5    9.5       177   9.6  358.7
 44   8.3  358.8        111  10.9    6.8       178   9.6    0.5
 45   8.4    1.2        112  11.4    8.0       179   9.6    0.7
 46   8.4    2.9        113  11.4    7.8       180   9.6    0.4
 47   8.4    3.2        114  11.3    6.4       181  10.2  357.9
 48   8.4    3.5        115  11.2    4.9       182  10.3  355.7
 49   8.4    3.9        116  11.2    3.5       183  10.3  355.8
 50   8.3    5.9        117  11.2    5.0       184  10.3  357.1
 51   8.3    8.4        118  11.3    5.8       185  10.3  359.0
 52   8.2    9.7        119  11.2    4.7       186   9.8    1.1
 53   8.3    6.3        120  11.2    4.3       187   9.4    4.2
 54   8.3    3.0        121  11.2    4.3       188   9.3    7.7
 55   8.4    0.6        122  11.2    4.9       189   9.4    4.2
 56   8.5  358.5        123  11.3    5.5       190   9.4    0.9
 57   8.6  354.6        124  11.3    6.4       191   9.5  359.1
 58   8.7  353.7        125  11.4    8.1       192   9.4    1.1
 59   8.5  356.4        126  11.4    9.4       193   9.4    3.3
 60   8.4  359.3        127  11.4    9.0       194   9.4    5.5
 61   8.5  358.1        128  11.4    8.1       195   9.4    3.0
 62   8.5  356.9        129  11.3    7.1       196   9.5  359.9
 63   8.4    0.1        130  11.4    7.7       197   9.6  356.8
 64   8.3    2.9        131  11.4    7.7       198   9.2  359.9
 65   8.3    4.2        132  11.3    6.5       199   7.5    0.7
 66   8.3    5.1        133  11.3    6.5       200   7.5    0.7
```

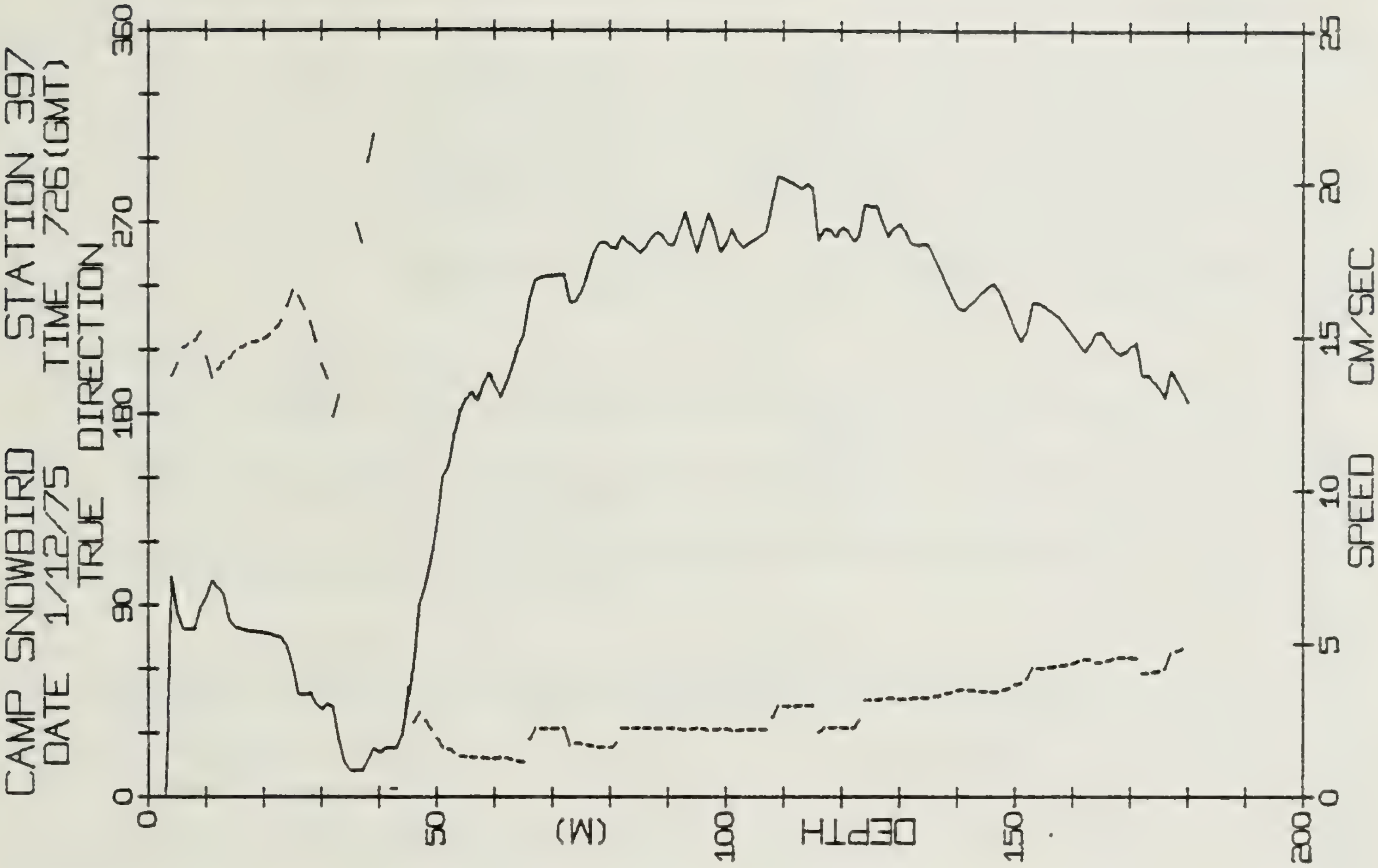
```
SNOWBIRD STATION 390     (200M.)     27/NOV/75       542 GMT
LAT= 74.0062N  LONG= 144.7819W  LTER=    12.  LGER=    37.
NIVEL=   6.3   EIVEL=   -2.9    NVER=     0.  EVER=     0.

DPT   SPD    DRN        DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0  999.9         67   5.0   25.9       134   6.9   25.2
  1   0.0  999.9         68   5.2   23.8       135   6.9   23.9
  2   0.0  999.9         69   5.4   20.9       136   6.9   23.3
  3   0.0  999.9         70   5.6   19.4       137   6.8   24.7
  4   1.7  329.9         71   5.7   19.3       138   6.8   26.4
  5   1.2  336.5         72   6.1   21.1       139   6.9   25.1
  6   0.9  324.9         73   6.5   20.6       140   7.0   25.5
  7   1.2  332.5         74   6.6   21.0       141   7.1   27.5
  8   1.9   19.8         75   6.6   22.1       142   7.2   29.2
  9   2.8   29.3         76   6.5   23.3       143   7.3   29.4
 10   3.3   30.9         77   6.4   25.4       144   7.7   27.4
 11   3.4   31.7         78   6.5   27.9       145   7.7   26.8
 12   3.4   32.5         79   6.5   27.8       146   7.7   26.2
 13   3.4   33.3         80   6.4   26.3       147   7.6   25.6
 14   3.4   33.9         81   6.5   26.3       148   7.6   25.1
 15   3.4   34.7         82   7.0   25.3       149   7.9   24.2
 16   3.4   35.2         83   7.2   24.9       150   7.9   24.8
 17   3.4   34.1         84   7.4   27.0       151   7.9   25.1
 18   3.4   33.2         85   7.6   27.9       152   8.0   25.5
 19   3.4   32.3         86   7.7   25.4       153   7.9   25.0
 20   3.4   32.7         87   7.9   25.0       154   7.9   24.0
 21   3.1   32.0         88   8.1   24.6       155   7.8   23.3
 22   3.1   32.4         89   8.1   24.6       156   7.8   22.8
 23   3.2   29.4         90   8.0   25.4       157   7.7   22.4
 24   3.2   26.6         91   8.0   25.8       158   7.7   22.4
 25   3.0   26.5         92   7.9   25.5       159   7.7   23.6
 26   2.8   26.6         93   7.8   25.9       160   7.6   24.8
 27   2.8   26.8         94   7.7   26.8       161   7.5   24.2
 28   2.8   26.8         95   7.6   28.8       162   7.5   24.7
 29   2.8   27.0         96   7.6   30.7       163   7.5   24.8
 30   2.9   26.5         97   7.7   31.7       164   7.3   24.7
 31   2.9   26.1         98   7.7   30.0       165   7.1   22.9
 32   2.9   25.1         99   7.5   28.2       166   7.0   21.0
 33   2.9   21.4        100   7.4   26.7       167   7.0   20.8
 34   3.3   18.4        101   7.4   26.4       168   7.0   21.2
 35   3.6   20.0        102   7.5   27.0       169   7.0   21.8
 36   4.2   25.3        103   7.5   28.0       170   7.1   22.5
 37   5.3   27.7        104   7.4   29.7       171   7.1   23.5
 38   5.5   29.7        105   7.4   30.4       172   7.1   24.9
 39   5.6   31.4        106   7.3   29.5       173   7.3   26.2
 40   5.6   32.5        107   7.1   27.5       174   7.6   27.5
 41   5.7   33.8        108   7.1   27.1       175   7.6   27.2
 42   5.8   33.6        109   7.2   28.5       176   7.4   25.0
 43   6.0   32.7        110   7.3   30.5       177   7.2   23.7
 44   6.1   32.2        111   7.5   32.5       178   7.1   22.2
 45   6.2   32.6        112   7.6   33.9       179   7.1   22.6
 46   5.9   31.7        113   7.4   31.9       180   7.0   24.4
 47   5.7   30.3        114   7.3   29.5       181   7.0   26.9
 48   5.6   28.9        115   7.2   28.7       182   7.1   28.7
 49   5.5   29.5        116   7.0   29.1       183   7.3   29.0
 50   5.3   30.3        117   7.1   28.8       184   7.4   27.2
 51   5.3   30.7        118   7.2   28.3       185   7.2   26.4
 52   5.3   29.2        119   7.1   28.5       186   7.0   25.5
 53   5.3   27.1        120   6.9   28.2       187   7.1   23.7
 54   5.4   24.8        121   6.9   27.3       188   7.2   24.4
 55   5.4   23.5        122   7.0   27.6       189   7.3   22.0
 56   5.4   22.7        123   7.1   26.7       190   7.5   21.2
 57   5.4   22.2        124   7.2   27.3       191   7.8   20.6
 58   5.4   23.4        125   7.2   27.4       192   7.7   19.8
 59   5.4   26.1        126   7.4   26.1       193   7.6   18.2
 60   5.5   28.8        127   7.7   26.3       194   7.5   17.2
 61   5.6   27.1        128   7.8   27.2       195   7.5   17.0
 62   5.8   23.2        129   7.8   26.4       196   7.6   18.3
 63   5.8   20.5        130   7.6   25.4       197   7.5   18.0
 64   5.6   21.5        131   7.5   25.0       198   7.1   19.2
 65   5.3   23.3        132   7.1   24.5       199   6.7   21.3
 66   5.0   25.0        133   6.9   25.5       200   6.4   21.0
```

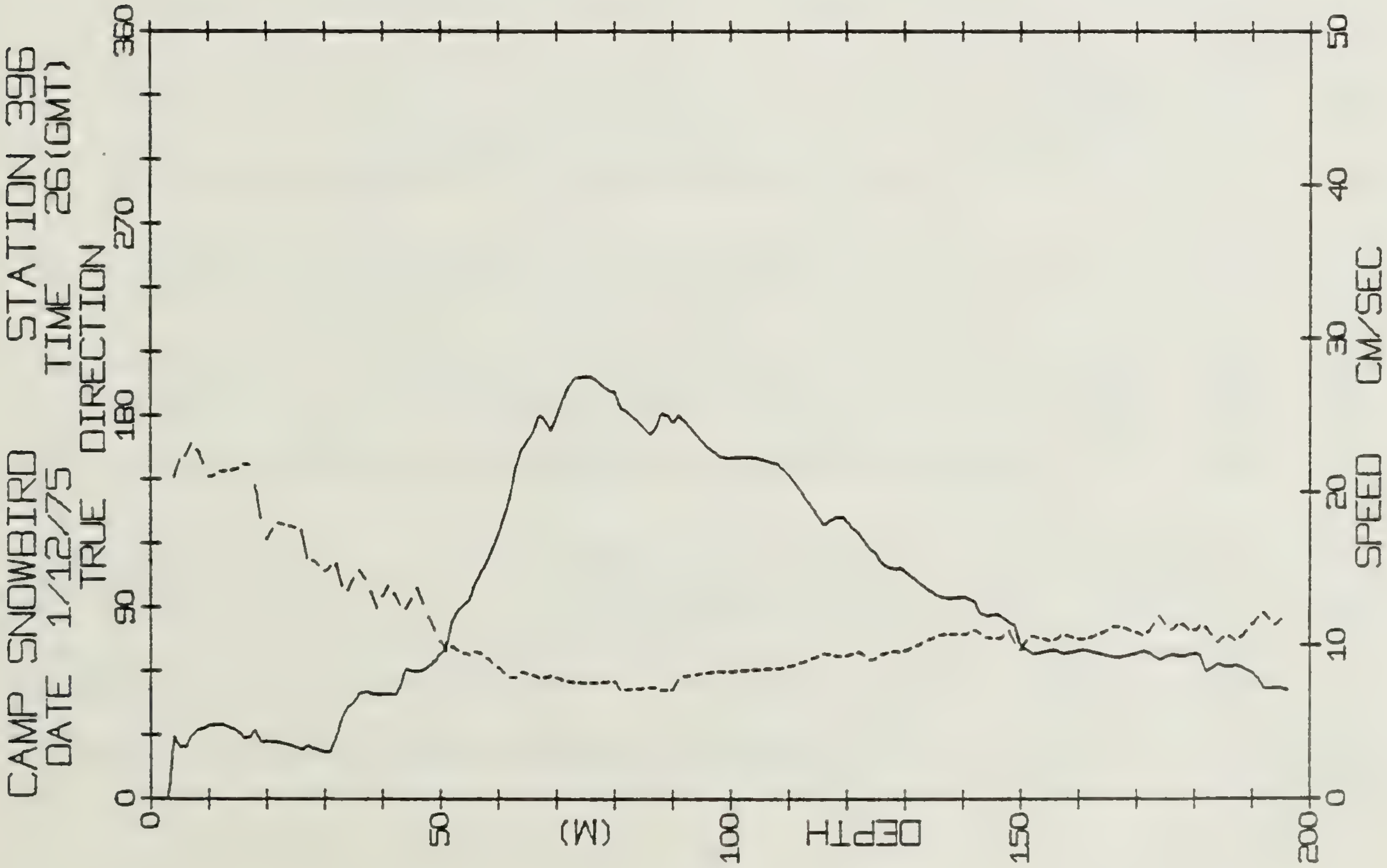

CAMP SNOWBIRD STATION 394
DATE 29/11/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 392
DATE 28/11/75 TIME 545(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 392     (200M.)     28/NOV/75       545 GMT
LAT= 74.0130N  LONG= 144.8184W  LTER=     0.  LGER=     0.
NIVEL=   1.5   EIVEL=  -4.5     NVER=     0   EVER=     0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67    3.4     1.0      134    5.2     7.4
   1    0.0   999.9       68    3.6   359.7      135    5.1     9.2
   2    0.0   999.9       69    3.8   357.5      136    4.9     8.9
   3    0.0   999.9       70    4.2   356.5      137    4.8     7.1
   4    5.4   301.4       71    4.2   357.9      138    4.9     7.4
   5    5.5   297.6       72    4.3   358.6      139    4.9     8.6
   6    5.6   297.0       73    4.4   359.7      140    5.1    10.6
   7    5.5   295.6       74    4.6   359.0      141    5.3    12.3
   8    5.4   291.9       75    4.5   357.9      142    5.2    11.9
   9    5.3   289.5       76    4.4   355.1      143    5.2    11.7
  10    5.0   287.3       77    4.1   353.1      144    5.4    13.3
  11    4.8   286.1       78    3.8   354.0      145    5.7    12.1
  12    4.6   285.2       79    3.6   355.9      146    5.6    10.4
  13    4.1   284.9       80    3.5   359.1      147    5.4     8.5
  14    3.5   288.2       81    3.6     1.2      148    5.3     6.7
  15    3.1   293.2       82    3.8     0.6      149    5.3     8.9
  16    3.0   300.1       83    4.1   358.5      150    5.1     9.8
  17    3.0   301.2       84    4.1   359.0      151    5.0     8.8
  18    2.9   300.5       85    4.2     0.9      152    4.9     7.7
  19    2.9   300.1       86    4.5     1.1      153    4.8     6.4
  20    2.9   300.2       87    4.7     2.4      154    4.7     5.4
  21    2.9   300.5       88    4.6     4.3      155    4.7     5.9
  22    2.9   300.8       89    4.6     6.1      156    4.7     6.1
  23    3.0   301.1       90    4.5     6.0      157    4.4     6.9
  24    3.0   301.9       91    4.5     5.7      158    4.5     7.0
  25    3.1   302.6       92    4.5     5.8      159    4.5     8.1
  26    3.1   303.3       93    4.6     6.9      160    4.7    10.6
  27    3.2   305.3       94    4.7     8.1      161    4.7    10.0
  28    3.2   306.2       95    4.7     8.9      162    4.8     4.4
  29    3.3   306.7       96    4.9     6.8      163    4.8     0.8
  30    3.4   307.0       97    5.0     4.8      164    4.6   359.1
  31    3.2   306.5       98    5.1     2.6      165    4.4   359.8
  32    3.2   307.4       99    5.0     1.6      166    4.5     3.0
  33    3.2   307.4      100    5.1     0.2      167    4.5     6.4
  34    3.2   307.5      101    5.2   358.6      168    4.5     7.9
  35    3.1   306.4      102    5.2   358.6      169    4.4     6.3
  36    2.4   311.3      103    4.9   359.6      170    4.3     3.1
  37    1.8   325.7      104    4.8   359.1      171    4.3     0.5
  38    1.9   342.3      105    4.8   358.5      172    4.4     1.6
  39    2.4   352.0      106    4.7   359.4      173    4.6     4.6
  40    3.2   358.7      107    4.2     4.5      174    4.7     8.6
  41    3.7   358.9      108    4.1     6.7      175    4.5    11.0
  42    3.5   357.0      109    4.2     8.0      176    4.4     9.9
  43    3.3   354.6      110    4.3     9.7      177    4.3     6.3
  44    3.3   352.8      111    4.4    10.9      178    4.3     3.7
  45    3.2   352.4      112    4.4    11.7      179    4.0     3.6
  46    3.1   353.7      113    4.4    12.2      180    4.0     4.7
  47    3.1   352.7      114    4.4    11.8      181    4.0     7.0
  48    3.1   349.4      115    4.3    11.0      182    4.0    13.4
  49    3.2   345.8      116    4.3    10.0      183    4.1    20.5
  50    3.0   340.4      117    4.3    10.9      184    3.9    25.9
  51    2.7   333.3      118    4.5    13.0      185    4.1    24.0
  52    2.6   329.1      119    4.6    15.2      186    4.4    20.3
  53    2.6   330.2      120    4.7    17.4      187    4.2    14.7
  54    2.5   338.2      121    4.5    18.3      188    4.0     9.5
  55    2.3   349.5      122    4.5    17.9      189    4.1     8.4
  56    2.2     1.8      123    4.7    18.4      190    4.2     9.8
  57    2.3     9.7      124    4.8    17.4      191    4.4    14.7
  58    2.3    10.4      125    4.8    16.8      192    4.6    19.8
  59    2.3     5.0      126    4.9    14.0      193    4.8    22.6
  60    2.3   357.8      127    5.3    14.3      194    4.6    17.6
  61    2.2   358.4      128    5.4    13.1      195    4.4    12.5
  62    2.3     2.6      129    5.3    10.7      196    4.2     8.4
  63    2.6     8.0      130    5.4     9.0      197    4.1     4.1
  64    3.0     6.4      131    5.5     8.8      198    4.0     1.8
  65    3.2     3.5      132    5.4     7.3      199    3.9     6.9
  66    3.2     2.0      133    5.3     7.0      200    3.9     6.9
```

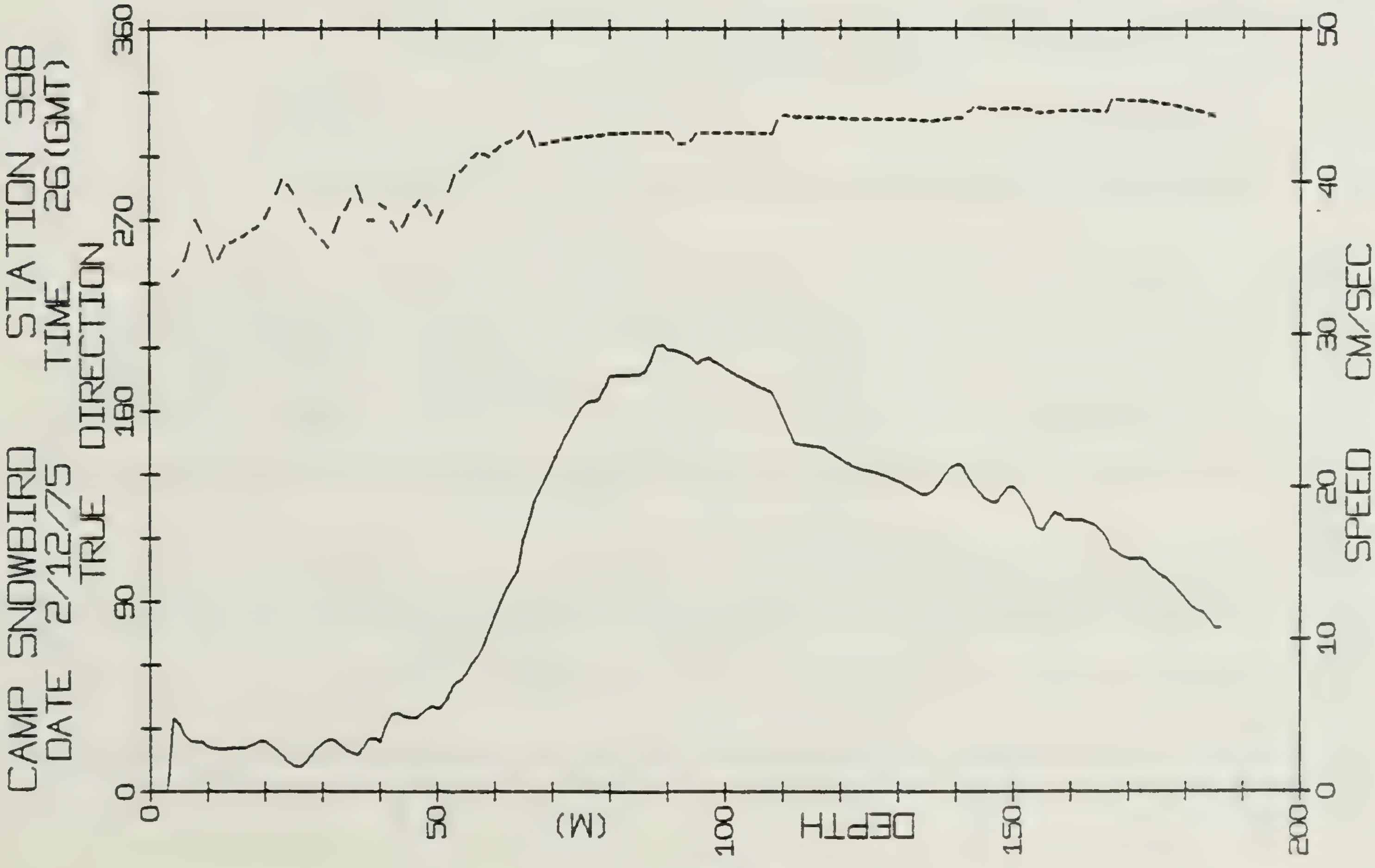
```
SNOWBIRD STATION 394     (200M.)     29/NOV/75      2243 GMT
LAT= 74.0169N  LONG= 145.0670W  LTER=     0   LGER=     1.
NIVEL=  -2.3   EIVEL=   0.0     NVER=     0.  EVER=     0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67    1.8    78.7      134    2.6    52.1
   1    0.0   999.9       68    1.9    74.4      135    2.7    51.3
   2    0.0   999.9       69    1.9    74.4      136    2.7    48.7
   3    0.0   999.9       70    1.8    80.3      137    2.7    44.4
   4    0.9   265.2       71    2.0    80.1      138    2.4    37.5
   5    0.6   285.2       72    2.3    76.0      139    2.1    32.2
   6    0.3   304.6       73    2.8    70.0      140    1.8    30.3
   7    0.2   328.5       74    3.2    64.0      141    1.5    29.9
   8    0.2    29.0       75    3.3    60.0      142    1.3    32.0
   9    0.3    68.8       76    3.4    58.8      143    1.1    37.5
  10    0.4    89.0       77    3.3    58.7      144    1.2    44.8
  11    0.4   113.0       78    3.2    59.5      145    1.5    43.8
  12    0.3   127.5       79    3.1    60.1      146    2.0    42.4
  13    0.1    55.0       80    3.3    58.5      147    2.5    40.8
  14    0.4   354.5       81    3.5    54.8      148    2.8    39.1
  15    0.5   351.9       82    3.7    51.3      149    2.7    36.6
  16    0.5   331.7       83    3.9    50.3      150    2.5    33.6
  17    0.4   338.7       84    3.9    50.3      151    2.4    33.6
  18    0.3    31.2       85    3.8    50.9      152    2.3    34.2
  19    0.4    86.5       86    3.6    51.7      153    2.3    34.1
  20    0.6   106.7       87    3.5    52.2      154    2.5    33.2
  21    0.4    89.0       88    3.4    51.3      155    2.7    32.9
  22    0.3    23.5       89    3.4    49.4      156    2.6    34.1
  23    0.6   359.3       90    3.4    49.4      157    2.7    38.3
  24    0.7   350.9       91    3.4    49.3      158    2.9    39.1
  25    0.8   330.0       92    3.4    51.2      159    2.9    41.0
  26    0.8   326.9       93    3.5    52.4      160    2.9    43.9
  27    0.7   336.9       94    3.5    52.3      161    3.0    46.4
  28    0.6   358.7       95    3.5    52.2      162    2.7    49.3
  29    0.6    17.1       96    3.5    52.0      163    2.5    54.0
  30    0.7    25.8       97    3.6    51.8      164    2.4    60.3
  31    0.8    29.6       98    3.6    49.6      165    2.4    64.1
  32    0.8    31.5       99    3.7    43.3      166    2.6    61.8
  33    0.9    34.9      100    3.8    42.9      167    2.9    58.5
  34    1.1    52.7      101    3.6    42.6      168    3.2    56.3
  35    1.4    68.1      102    3.2    39.0      169    3.3    55.9
  36    1.6    65.0      103    3.1    41.0      170    3.4    55.8
  37    1.6    47.4      104    3.1    42.9      171    3.5    54.9
  38    1.1    25.2      105    3.0    42.3      172    3.6    52.2
  39    0.5     3.6      106    2.7    44.4      173    3.7    53.1
  40    0.1   328.7      107    2.6    51.5      174    3.7    52.8
  41    0.0   286.3      108    2.6    53.5      175    3.6    53.9
  42    0.2   341.1      109    2.6    53.0      176    3.5    54.3
  43    0.3   352.7      110    2.8    50.3      177    3.5    58.1
  44    0.4    10.2      111    2.8    47.3      178    3.8    57.3
  45    0.5    55.8      112    2.8    44.8      179    4.3    55.1
  46    0.8    80.6      113    2.8    46.9      180    4.2    55.6
  47    1.0    83.9      114    2.9    46.8      181    4.2    54.6
  48    1.2    73.0      115    2.8    44.2      182    4.2    51.2
  49    1.2    54.0      116    2.4    36.2      183    4.5    48.0
  50    1.3    30.4      117    2.2    35.2      184    4.5    47.7
  51    0.9    18.1      118    2.3    36.8      185    4.3    47.9
  52    0.6     9.5      119    2.3    36.0      186    3.9    47.9
  53    0.6     0.5      120    2.3    36.2      187    3.7    49.2
  54    0.6     5.2      121    2.2    43.6      188    3.8    48.6
  55    0.6    28.3      122    2.1    51.7      189    4.1    48.2
  56    0.7    50.7      123    2.1    57.7      190    4.2    46.3
  57    0.8    64.6      124    2.0    59.3      191    4.4    45.8
  58    0.9    73.5      125    2.1    60.3      192    4.3    44.2
  59    0.9    82.1      126    2.2    63.6      193    4.3    43.3
  60    1.2    76.7      127    2.3    63.0      194    4.3    42.7
  61    1.6    71.1      128    2.5    58.2      195    4.1    41.4
  62    2.0    69.3      129    2.7    54.9      196    3.9    40.9
  63    2.0    71.8      130    2.8    52.5      197    3.4    38.8
  64    1.9    76.1      131    2.7    50.4      198    2.8    28.5
  65    1.7    84.3      132    2.6    49.8      199    2.3    33.1
  66    1.7    83.2      133    2.6    50.8      200    2.2    43.6
```

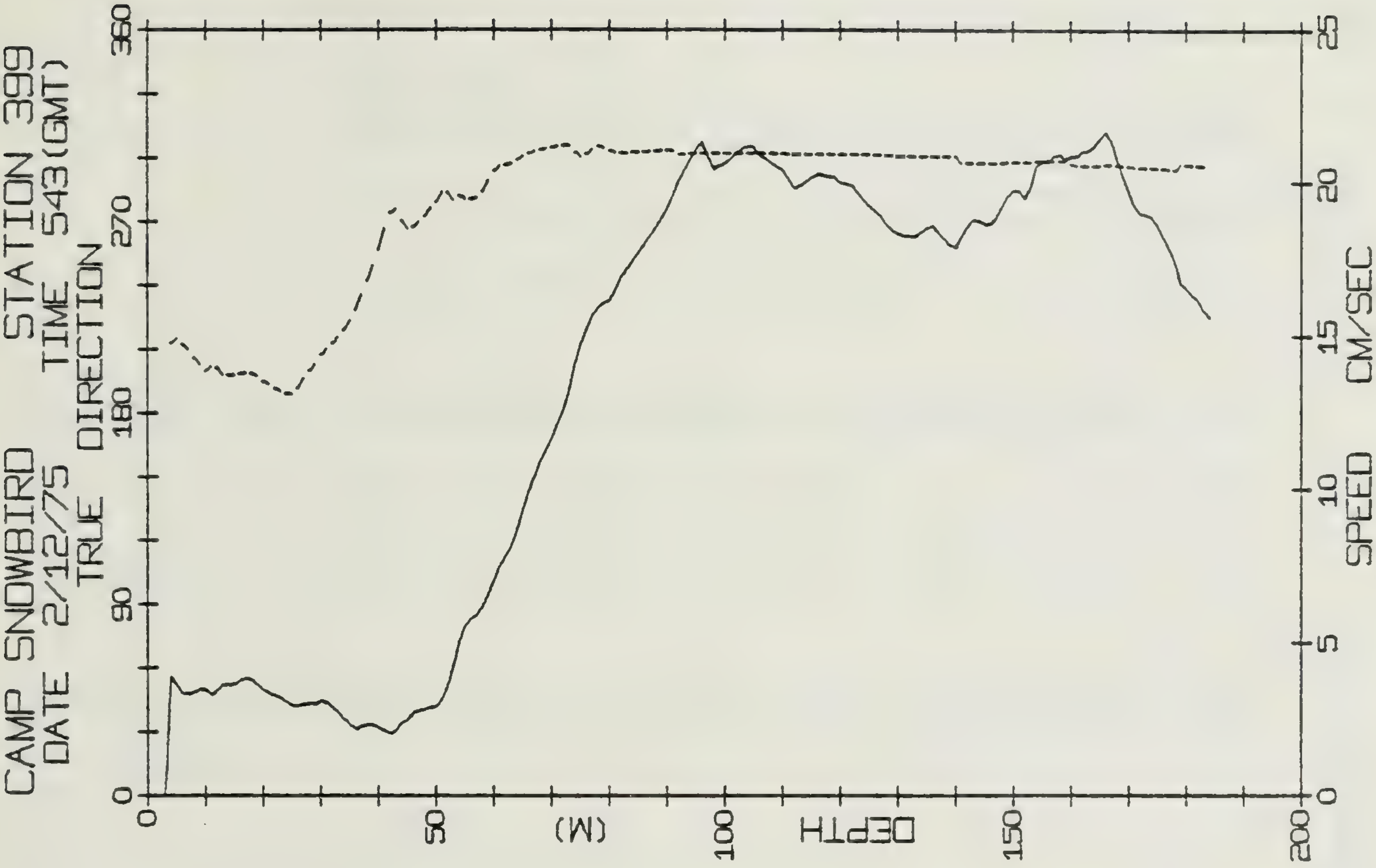

CAMP SNOWBIRD STATION 397
DATE 1/12/75 TIME 726(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 396
DATE 1/12/75 TIME 26(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
10
20
30
40
50
SPEED CM/SEC

```
SNOWBIRD STATION 396     (196M.)      1/DEC/75        26 GMT
LAT= 73.9836N  LONG= 144.9870W  LTER=     0   LGER=      0.
NIVEL=  -8.9   EIVEL=    6.6    NVER=     0.  EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   25.0   56.4       134   13.6   74.3
  1    0.0  999.9        68   24.6   56.7       135   13.3   75.5
  2    0.0  999.9        69   24.0   57.5       136   13.1   76.6
  3    0.0  999.9        70   24.9   56.5       137   13.0   77.2
  4    4.0  151.3        71   25.9   55.4       138   13.1   77.2
  5    3.4  159.2        72   26.8   54.6       139   13.1   77.1
  6    3.4  161.4        73   27.4   54.1       140   13.1   77.0
  7    4.1  166.6        74   27.5   54.0       141   13.0   77.8
  8    4.5  163.9        75   27.5   54.0       142   12.8   79.0
  9    4.6  157.5        76   27.4   54.1       143   12.1   77.2
 10    4.8  151.1        77   27.2   54.3       144   11.9   75.4
 11    4.8  151.9        78   26.9   54.6       145   12.0   74.6
 12    4.8  153.5        79   26.6   54.8       146   12.0   74.8
 13    4.7  153.9        80   26.5   54.9       147   11.7   76.2
 14    4.5  154.4        81   25.5   50.7       148   11.4   78.3
 15    4.3  155.1        82   25.2   51.0       149   11.2   72.6
 16    4.0  156.8        83   24.9   51.2       150    9.9   69.6
 17    4.0  156.3        84   24.6   51.4       151    9.7   73.9
 18    4.5  146.9        85   24.2   51.8       152    9.4   76.0
 19    3.7  131.4        86   23.8   52.1       153    9.5   75.2
 20    3.7  121.8        87   24.1   51.7       154    9.6   74.4
 21    3.6  126.5        88   25.1   50.7       155    9.7   73.6
 22    3.6  129.0        89   25.0   50.6       156    9.6   74.5
 23    3.5  128.3        90   24.5   51.0       157    9.4   76.7
 24    3.4  127.6        91   24.9   55.9       158    9.5   76.3
 25    3.3  126.8        92   24.6   57.3       159    9.6   75.3
 26    3.2  125.5        93   24.1   57.8       160    9.7   74.4
 27    3.4  112.7        94   23.7   58.3       161    9.6   74.6
 28    3.3  111.6        95   23.3   58.6       162    9.5   75.7
 29    3.1  109.4        96   22.9   59.1       163    9.4   76.9
 30    3.0  106.9        97   22.6   59.4       164    9.4   77.9
 31    3.1  108.8        98   22.3   59.6       165    9.3   79.2
 32    4.0  110.1        99   22.2   59.7       166    9.2   80.5
 33    5.3   99.6       100   22.2   59.7       167    9.2   80.6
 34    6.0   97.8       101   22.3   59.8       168    9.3   79.5
 35    6.2  103.0       102   22.2   60.0       169    9.4   78.6
 36    6.9  106.8       103   22.2   60.3       170    9.5   77.6
 37    7.0  103.2       104   22.1   60.5       171    9.6   76.5
 38    6.9   96.6       105   22.1   60.6       172    9.5   78.1
 39    6.8   89.9       106   22.0   60.7       173    9.2   81.6
 40    6.8   94.9       107   21.9   60.9       174    9.0   85.3
 41    6.9   99.6       108   21.8   61.0       175    9.2   81.7
 42    6.8   96.1       109   21.4   61.5       176    9.4   79.2
 43    7.2   90.8       110   21.0   62.1       177    9.2   81.3
 44    8.4   89.0       111   20.6   62.8       178    9.2   81.8
 45    8.3   93.6       112   20.0   63.7       179    9.4   79.3
 46    8.3   98.3       113   19.4   64.7       180    9.4   78.7
 47    8.4   91.6       114   19.0   65.6       181    9.3   80.7
 48    8.6   85.1       115   18.4   66.6       182    8.3   79.8
 49    9.0   79.2       116   17.8   67.8       183    8.5   76.7
 50    9.4   73.6       117   18.1   67.2       184    8.8   73.2
 51    9.9   69.4       118   18.3   66.5       185    8.6   75.5
 52   11.5   71.1       119   18.4   66.4       186    8.5   76.4
 53   12.2   69.4       120   18.0   67.0       187    8.7   73.8
 54   12.6   68.0       121   17.6   67.9       188    8.5   75.5
 55   13.0   67.0       122   17.3   68.6       189    8.3   78.6
 56   14.0   68.6       123   16.7   66.7       190    8.2   81.8
 57   14.8   67.7       124   16.2   64.8       191    7.8   84.7
 58   15.4   65.8       125   15.9   65.6       192    7.2   86.9
 59   16.3   63.5       126   15.3   67.4       193    7.2   84.2
 60   17.2   61.2       127   15.1   68.3       194    7.2   81.6
 61   18.4   58.9       128   14.9   68.8       195    7.2   83.9
 62   19.6   56.7       129   15.0   68.4       196    7.0   91.5
 63   21.6   56.7       130   14.8   69.3
 64   22.8   58.9       131   14.5   70.4
 65   23.3   58.2       132   14.2   71.6
 66   23.9   57.6       133   13.9   72.9
```

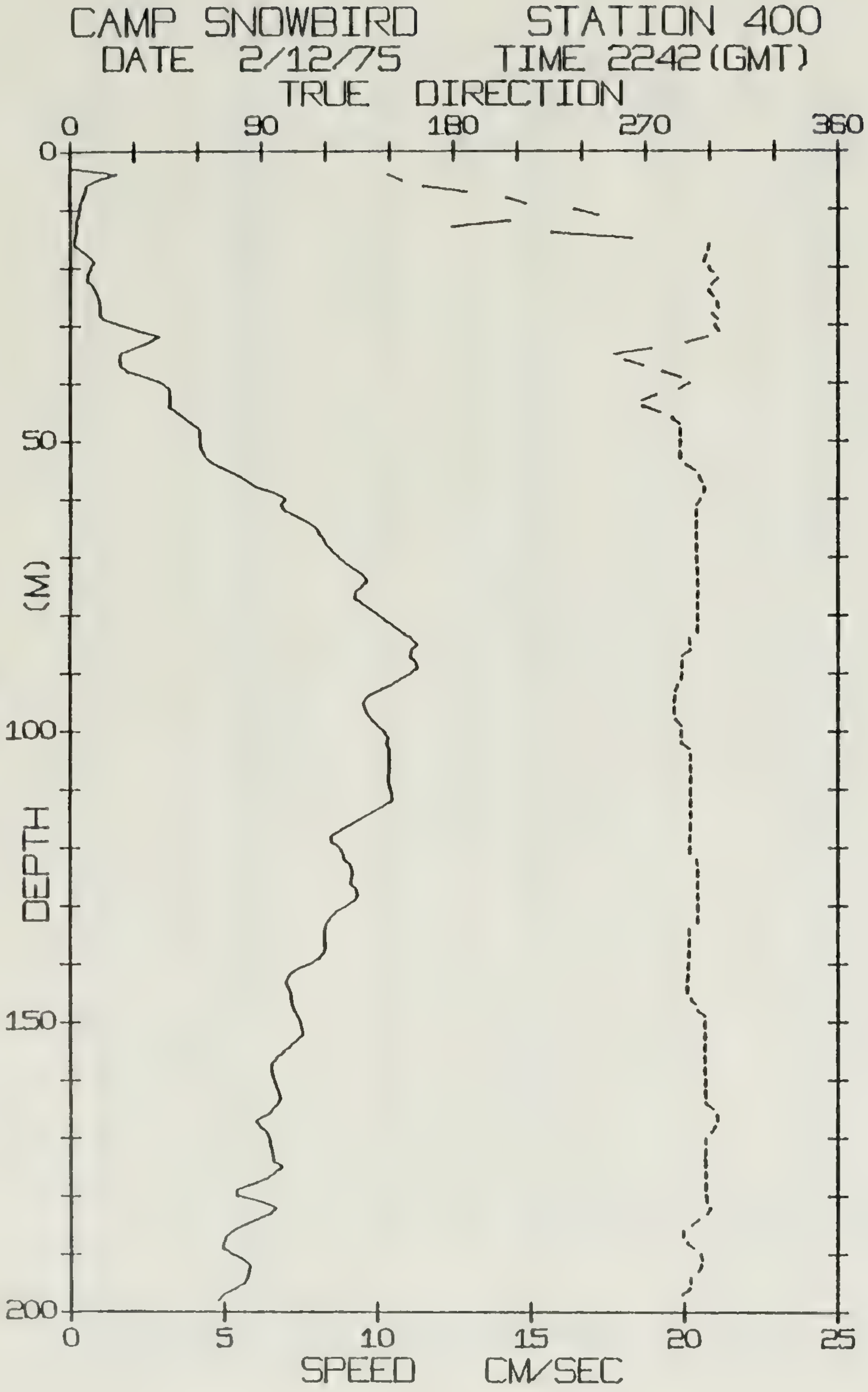
```
SNOWBIRD STATION 397     (180M.)      1/DEC/75       726 GMT
LAT= 73.9573N  LONG= 144.9439W  LTER=     1.  LGER=      1.
NIVEL= -12.8   EIVEL=    3.7    NVER=     0.  EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   16.9   31.9       134   18.1   46.6
  1    0.0  999.9        68   17.0   32.0       135   18.0   46.7
  2    0.0  999.9        69   17.0   32.1       136   17.6   47.4
  3    0.0  999.9        70   17.0   32.3       137   17.2   48.0
  4    7.2  197.5        71   17.0   32.4       138   16.8   48.8
  5    6.0  203.5        72   17.0   32.6       139   16.4   49.6
  6    5.5  211.0        73   16.1   24.3       140   16.0   50.4
  7    5.5  213.1        74   16.2   25.1       141   15.9   50.6
  8    5.5  214.1        75   16.5   24.8       142   16.0   50.2
  9    6.2  218.3        76   17.0   24.2       143   16.2   50.0
 10    6.5  206.9        77   17.7   23.5       144   16.4   49.8
 11    7.1  197.0        78   18.0   23.2       145   16.6   49.5
 12    6.8  200.5        79   18.1   23.1       146   16.8   49.3
 13    6.6  204.4        80   17.9   23.3       147   16.6   49.6
 14    5.8  206.0        81   17.9   25.2       148   16.2   50.6
 15    5.5  209.5        82   18.3   32.1       149   15.7   51.6
 16    5.5  211.2        83   18.1   32.3       150   15.2   52.9
 17    5.4  212.9        84   17.9   32.5       151   14.9   53.7
 18    5.4  213.7        85   17.7   32.7       152   15.2   55.5
 19    5.4  214.5        86   17.9   32.6       153   16.1   60.6
 20    5.3  215.3        87   18.2   32.2       154   16.1   60.6
 21    5.3  217.3        88   18.4   31.9       155   16.0   60.8
 22    5.2  220.0        89   18.3   32.1       156   15.9   61.2
 23    5.2  223.5        90   18.0   32.4       157   15.7   61.5
 24    4.9  230.2        91   18.0   32.4       158   15.6   61.9
 25    4.3  238.0        92   18.5   31.8       159   15.3   62.6
 26    3.4  235.3        93   19.1   31.2       160   15.1   63.3
 27    3.3  229.0        94   18.4   32.0       161   14.8   64.2
 28    3.4  223.2        95   17.7   32.7       162   14.5   65.1
 29    3.1  213.8        96   18.4   32.0       163   14.8   64.5
 30    2.9  203.0        97   19.0   31.1       164   15.1   63.4
 31    3.0  196.2        98   18.5   31.5       165   15.2   63.5
 32    2.9  178.7        99   17.8   32.2       166   14.9   64.4
 33    1.9  188.9       100   18.0   31.7       167   14.6   65.3
 34    1.1  211.3       101   18.5   31.0       168   14.5   65.9
 35    0.9  257.1       102   18.1   31.3       169   14.5   65.9
 36    0.9  269.0       103   17.9   31.7       170   14.7   65.5
 37    0.8  260.0       104   18.1   31.7       171   14.8   65.0
 38    1.2  297.9       105   18.2   31.7       172   13.7   58.2
 39    1.6  310.9       106   18.3   31.7       173   13.8   58.1
 40    1.4  336.9       107   18.5   31.7       174   13.6   58.7
 41    1.6    4.0       108   19.4   37.6       175   13.3   59.5
 42    1.6    3.9       109   20.2   42.7       176   13.0   60.6
 43    1.6    3.9       110   20.2   42.8       177   13.9   67.9
 44    2.0   29.1       111   20.1   42.9       178   13.6   68.9
 45    3.2   51.3       112   19.9   43.0       179   13.3   70.0
 46    4.3   35.2       113   19.8   43.2       180   12.9   71.1
 47    6.3   39.8       114   20.0   43.0
 48    6.9   35.8       115   19.8   43.2
 49    7.8   31.7       116   18.2   30.5
 50    8.9   27.4       117   18.5   32.3
 51   10.5   23.2       118   18.5   32.7
 52   10.8   22.5       119   18.3   32.9
 53   11.8   20.6       120   18.6   32.4
 54   12.6   19.4       121   18.5   32.2
 55   13.0   18.8       122   18.1   32.4
 56   13.2   18.5       123   18.3   36.3
 57   12.9   18.9       124   19.3   45.7
 58   13.5   18.2       125   19.2   45.9
 59   13.8   17.7       126   19.3   45.8
 60   13.4   18.2       127   18.8   46.3
 61   13.0   18.7       128   18.3   46.9
 62   13.5   18.1       129   18.6   46.3
 63   14.0   17.4       130   18.7   46.0
 64   14.7   16.7       131   18.5   46.2
 65   15.1   16.3       132   18.1   46.6
 66   16.2   26.9       133   18.0   46.7
```

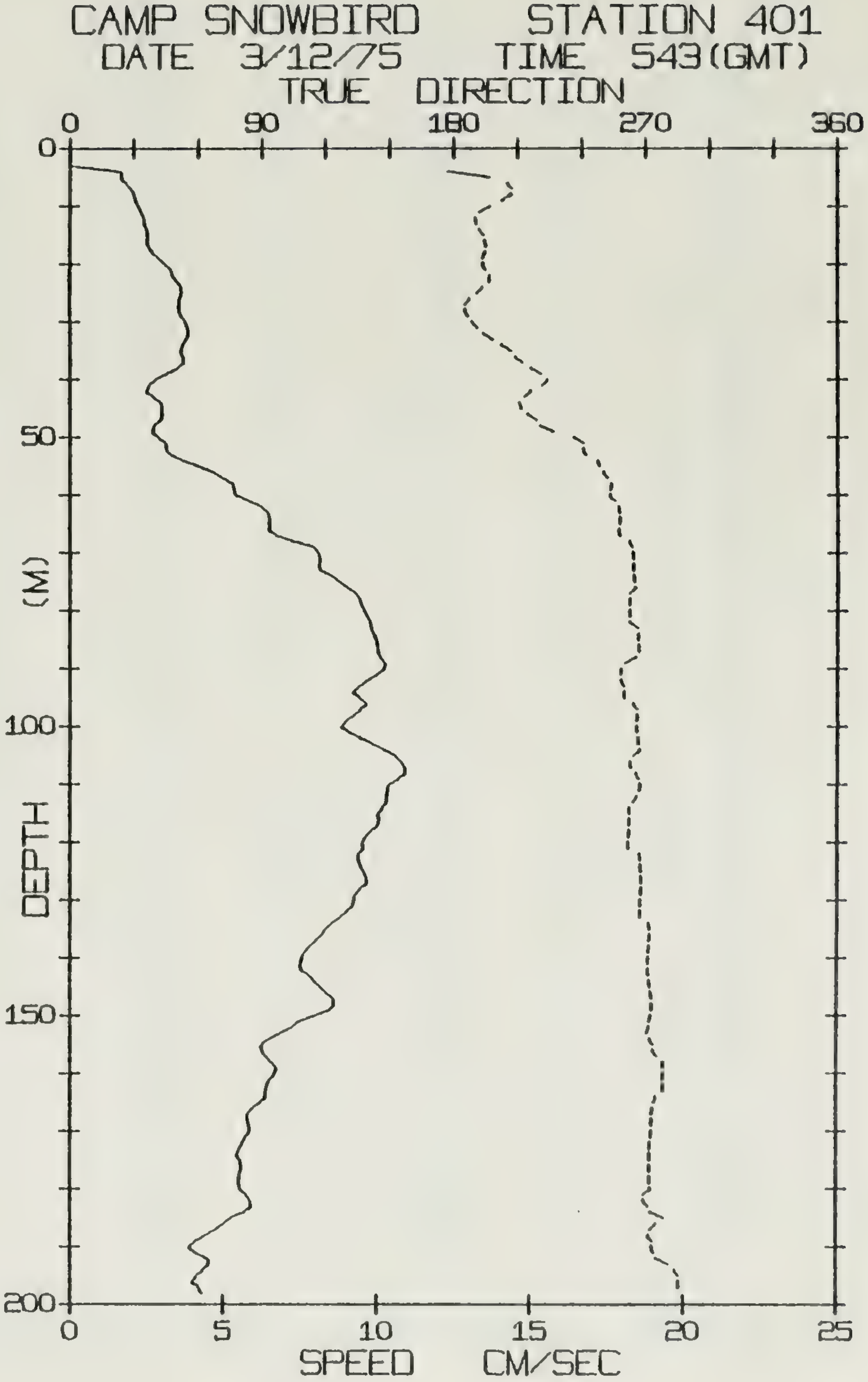

CAMP SNOWBIRD STATION 398
DATE 2/12/75 TIME 26(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD STATION 399
DATE 2/12/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 398     (186M.)       2/DEC/75          26 GMT
LAT= 73.8973N  LONG= 144.9683W  LTER=     1.  LGER=      2.
NIVEL=  -5.6   EIVEL=   -3.1    NVER=     0.  EVER=      0.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0  999.9       67  19.2  305.0      134  19.5  316.8
  1    0.0  999.9       68  19.9  305.9      135  19.5  316.9
  2    0.0  999.9       69  20.7  306.6      136  19.8  317.1
  3    0.0  999.9       70  21.5  307.2      137  20.2  317.4
  4    4.8  243.7       71  22.4  307.8      138  20.7  317.8
  5    4.5  246.3       72  23.2  308.4      139  21.3  318.2
  6    3.7  251.0       73  23.9  308.8      140  21.5  318.3
  7    3.3  259.5       74  24.5  309.2      141  21.4  318.3
  8    3.3  270.0       75  25.2  309.7      142  20.7  321.0
  9    3.2  264.7       76  25.6  309.9      143  20.1  323.1
 10    3.0  258.3       77  25.7  310.0      144  19.7  322.8
 11    2.8  250.7       78  25.7  310.2      145  19.3  322.4
 12    2.8  252.3       79  26.4  310.6      146  19.0  322.2
 13    2.8  257.7       80  27.3  311.1      147  19.0  322.2
 14    2.9  259.6       81  27.4  311.1      148  19.5  322.6
 15    2.8  260.9       82  27.4  311.2      149  20.0  323.0
 16    2.8  262.3       83  27.4  311.3      150  20.0  323.0
 17    3.0  264.2       84  27.4  311.3      151  19.7  322.8
 18    3.2  265.8       85  27.4  311.2      152  19.0  322.2
 19    3.3  267.5       86  27.6  311.2      153  18.4  321.7
 20    3.3  271.0       87  28.2  311.4      154  17.3  320.7
 21    3.0  276.0       88  29.3  311.7      155  17.1  320.5
 22    2.7  282.7       89  29.3  311.7      156  17.7  321.1
 23    2.3  289.1       90  29.0  311.5      157  18.3  321.6
 24    1.9  287.0       91  29.0  308.3      158  18.2  321.7
 25    1.6  282.8       92  28.8  306.3      159  17.9  321.5
 26    1.6  275.5       93  28.7  306.5      160  17.8  321.6
 27    1.9  269.7       94  28.5  307.9      161  17.8  321.6
 28    2.4  266.5       95  28.1  311.1      162  17.8  321.6
 29    2.9  263.6       96  28.4  311.3      163  17.6  321.5
 30    3.2  260.5       97  28.5  311.4      164  17.5  321.5
 31    3.4  257.3       98  28.3  311.4      165  17.2  321.3
 32    3.4  264.4       99  28.0  311.4      166  16.8  320.9
 33    3.1  271.3      100  27.8  311.4      167  15.9  327.0
 34    2.8  275.0      101  27.5  311.4      168  15.7  326.7
 35    2.5  280.3      102  27.3  311.3      169  15.4  326.4
 36    2.4  286.2      103  27.1  311.2      170  15.3  326.3
 37    2.8  278.8      104  26.9  311.1      171  15.3  326.3
 38    3.5  270.3      105  26.7  311.0      172  15.3  326.3
 39    3.5  269.7      106  26.5  310.9      173  15.2  326.1
 40    3.3  277.5      107  26.3  310.8      174  14.7  325.5
 41    4.4  275.9      108  26.2  310.8      175  14.3  325.1
 42    5.1  269.2      109  25.5  317.0      176  14.1  324.7
 43    5.2  265.2      110  24.6  319.5      177  13.8  324.3
 44    5.0  267.1      111  23.8  319.1      178  13.5  323.8
 45    4.8  272.5      112  22.9  318.6      179  13.0  323.1
 46    4.8  276.6      113  22.8  318.5      180  12.6  322.4
 47    5.1  279.8      114  22.7  318.5      181  12.2  321.6
 48    5.4  277.3      115  22.7  318.4      182  11.9  321.1
 49    5.6  272.3      116  22.6  318.4      183  11.8  320.8
 50    5.5  269.1      117  22.5  318.3      184  11.3  319.9
 51    5.7  274.6      118  22.3  318.2      185  10.8  318.6
 52    6.3  283.8      119  22.1  318.0      186  10.8  318.6
 53    7.1  291.1      120  21.8  317.9
 54    7.4  293.0      121  21.6  317.7
 55    7.8  295.6      122  21.3  317.5
 56    8.4  299.4      123  21.2  317.6
 57    8.9  301.4      124  21.1  317.6
 58    9.6  301.0      125  21.0  317.5
 59   10.5  299.9      126  20.9  317.6
 60   11.5  302.7      127  20.8  317.6
 61   12.4  305.0      128  20.6  317.5
 62   13.3  306.8      129  20.5  317.5
 63   13.9  307.9      130  20.3  317.5
 64   14.5  309.0      131  20.2  317.4
 65   16.6  311.8      132  19.9  317.2
 66   17.8  311.5      133  19.7  317.0
```

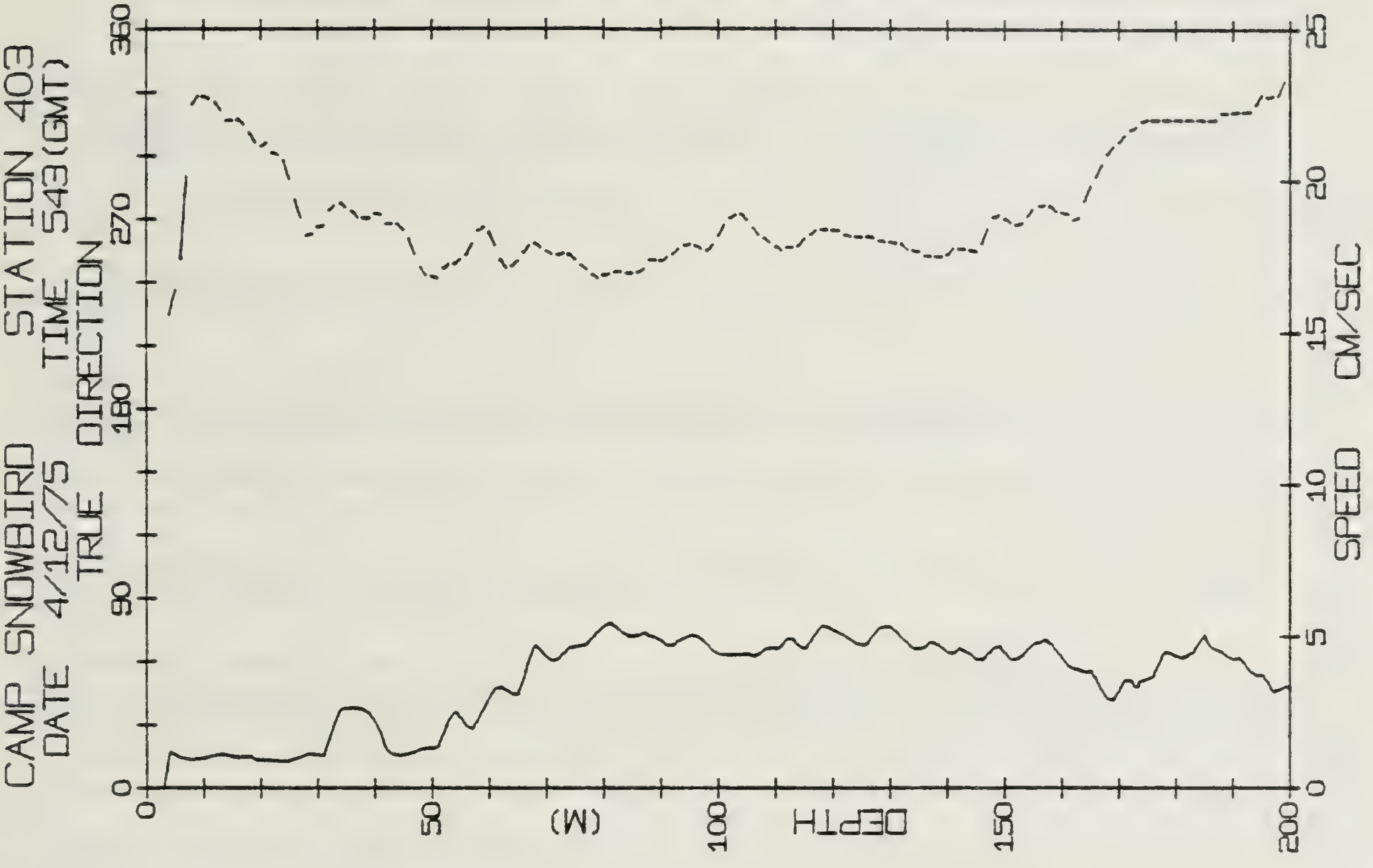
```
SNOWBIRD STATION 399     (184M.)       2/DEC/75         543 GMT
LAT= 73.8885N  LONG= 144.9735W  LTER=     0.  LGER=      1.
NIVEL=  -6.2   EIVEL=    1.0    NVER=     0.  EVER=      0.

DPT    SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0    0.0  999.9       67  10.4  303.2      134  18.4  300.6
  1    0.0  999.9       68  10.9  304.0      135  18.5  300.7
  2    0.0  999.9       69  11.3  304.5      136  18.6  300.8
  3    0.0  999.9       70  11.7  304.9      137  18.4  300.7
  4    3.9  212.9       71  12.1  305.5      138  18.2  300.6
  5    3.6  214.9       72  12.6  306.0      139  18.0  300.5
  6    3.3  212.3       73  13.2  305.6      140  17.9  300.5
  7    3.3  209.7       74  14.1  302.6      141  18.3  297.4
  8    3.4  205.7       75  14.7  300.7      142  18.6  297.6
  9    3.5  202.9       76  15.2  301.8      143  18.8  297.7
 10    3.5  199.7       77  15.7  303.9      144  18.8  297.7
 11    3.3  201.8       78  15.9  305.2      145  18.7  297.6
 12    3.4  200.9       79  16.1  304.5      146  18.7  297.6
 13    3.6  197.8       80  16.2  303.4      147  18.9  297.7
 14    3.6  197.6       81  16.5  302.1      148  19.2  297.9
 15    3.7  197.8       82  16.9  302.2      149  19.6  298.1
 16    3.8  198.5       83  17.2  302.3      150  19.8  298.1
 17    3.8  199.0       84  17.5  302.5      151  19.7  298.0
 18    3.8  198.3       85  17.7  302.7      152  19.5  297.9
 19    3.6  197.1       86  18.0  302.9      153  19.9  298.2
 20    3.5  194.7       87  18.3  303.1      154  20.6  298.6
 21    3.4  193.2       88  18.6  303.3      155  20.7  298.7
 22    3.3  191.6       89  18.9  303.5      156  20.7  298.6
 23    3.2  190.0       90  19.2  303.7      157  20.9  298.7
 24    3.1  188.9       91  19.6  303.1      158  21.0  298.7
 25    2.9  188.5       92  20.1  301.5      159  20.8  298.6
 26    3.0  191.7       93  20.4  301.7      160  20.9  297.0
 27    3.0  196.1       94  20.8  301.9      161  20.9  296.1
 28    3.0  199.9       95  21.1  302.1      162  21.0  296.2
 29    3.0  202.5       96  21.3  302.2      163  21.1  296.3
 30    3.1  207.4       97  20.9  302.1      164  21.2  296.4
 31    3.0  210.2       98  20.5  301.9      165  21.4  296.6
 32    2.9  212.9       99  20.6  301.9      166  21.7  296.8
 33    2.7  215.8      100  20.7  302.0      167  21.4  296.7
 34    2.5  219.1      101  20.8  302.1      168  20.8  296.4
 35    2.3  223.3      102  21.0  302.1      169  20.2  296.1
 36    2.2  228.6      103  21.1  302.2      170  19.7  295.8
 37    2.3  235.5      104  21.2  302.2      171  19.2  295.5
 38    2.3  242.1      105  21.2  302.1      172  19.0  295.3
 39    2.3  249.2      106  20.9  302.0      173  19.0  295.3
 40    2.2  256.9      107  20.8  301.9      174  18.9  295.2
 41    2.1  266.6      108  20.7  301.9      175  18.6  295.0
 42    2.0  274.2      109  20.5  301.8      176  18.2  294.7
 43    2.1  275.9      110  20.4  301.8      177  17.9  294.4
 44    2.4  270.2      111  20.1  301.6      178  17.4  294.1
 45    2.5  266.8      112  19.8  301.4      179  16.7  296.7
 46    2.7  267.4      113  19.9  301.5      180  16.5  296.6
 47    2.8  269.7      114  20.0  301.5      181  16.3  296.4
 48    2.8  272.6      115  20.2  301.6      182  16.2  296.2
 49    2.9  276.2      116  20.3  301.7      183  15.8  295.9
 50    3.0  279.2      117  20.3  301.7      184  15.6  295.6
 51    3.1  283.6      118  20.2  301.7
 52    3.6  283.5      119  20.2  301.7
 53    4.2  279.9      120  20.0  301.6
 54    5.0  281.9      121  20.0  301.7
 55    5.5  280.5      122  19.9  301.7
 56    5.8  280.6      123  19.7  301.6
 57    5.9  281.2      124  19.4  301.5
 58    6.2  284.0      125  19.2  301.4
 59    6.6  289.2      126  19.1  301.3
 60    7.0  293.9      127  18.9  301.2
 61    7.5  296.1      128  18.7  301.0
 62    7.8  296.8      129  18.5  300.8
 63    8.1  297.4      130  18.3  300.7
 64    8.7  299.1      131  18.3  300.6
 65    9.3  300.9      132  18.3  300.6
 66    9.9  302.2      133  18.3  300.5
```

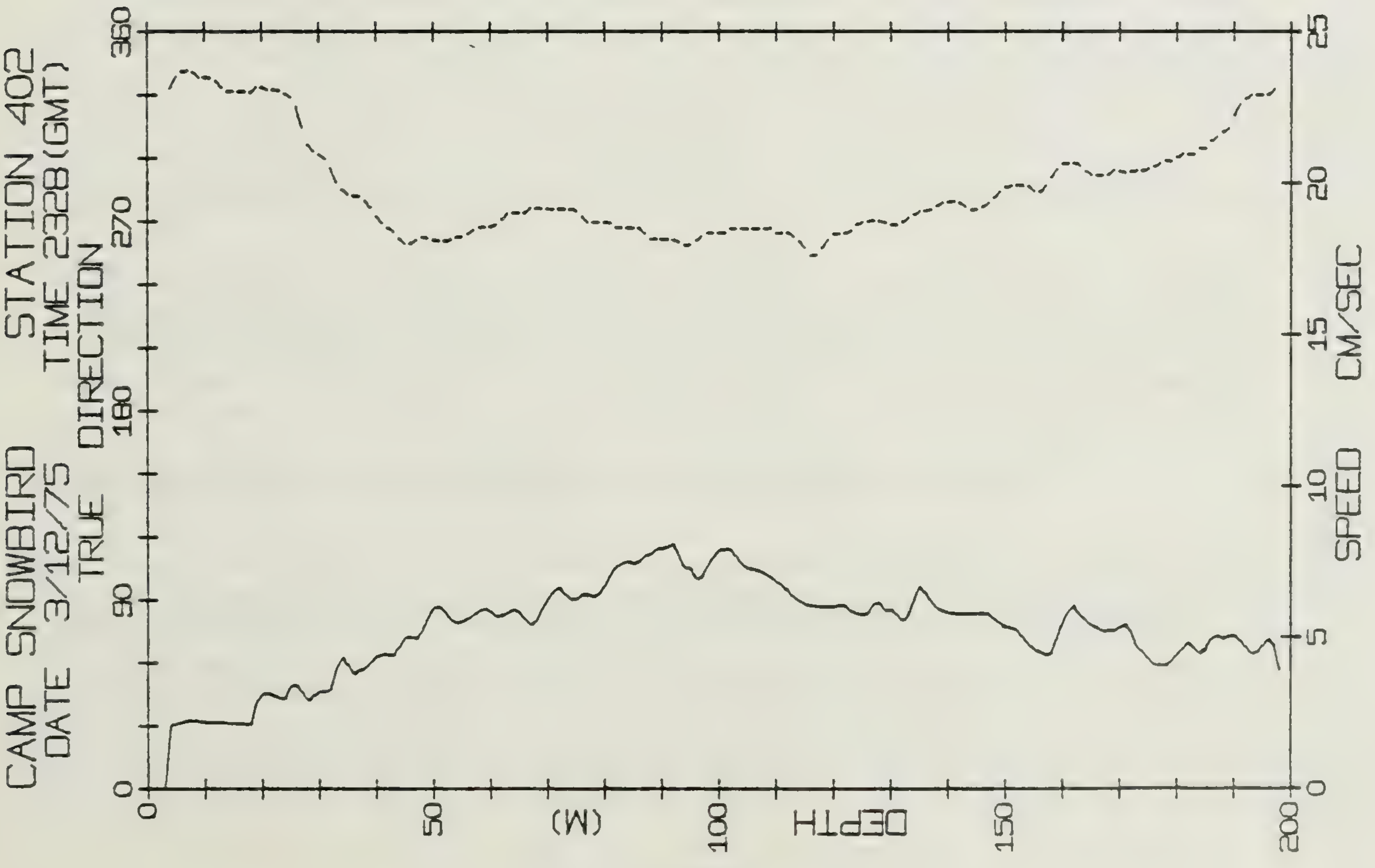

CAMP SNOWBIRD STATION 400
DATE 2/12/75 TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 401
DATE 3/12/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 400     (198M.)      2/DEC/75     2242 GMT
LAT= 73.8672N  LONG= 144.9344W  LTER=     0   LGER=     0.
NIVEL=  -2.0   EIVEL=    3.4    NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    8.3   293.8      134    8.3   290.5
  1    0.0   999.9       68    8.4   293.8      135    8.3   290 4
  2    0.0   999.9       69    8.6   293.9      136    8.3   290.3
  3    0.0   999.9       70    8.7   294.0      137    8.3   290.3
  4    1.5   149.3       71    9.0   294.1      138    8.2   290.1
  5    0.9   155.5       72    9.2   294.3      139    8.1   290.0
  6    0.5   165.5       73    9.5   294.4      140    7.8   289.8
  7    0.5   185.8       74    9.7   294.4      141    7.4   289.6
  8    0.4   204 6       75    9.5   294.3      142    7.1   289.5
  9    0.3   213.7       76    9.3   294.2      143    7.0   289.4
 10    0.3   236 6       77    9.2   294.0      144    7.1   289.5
 11    0.3   247.8       78    9.5   294.1      145    7.2   289.5
 12    0.2   206.6       79    9.8   294.1      146    7.2   291.1
 13    0.2   179.3       80   10.1   294.2      147    7.2   293.5
 14    0.2   226.2       81   10.3   294.2      148    7.3   294.4
 15    0.1   263.4       82   10.6   294.3      149    7.4   297.6
 16    0.1   299.6       83   10.8   294.2      150    7.5   297.6
 17    0.3   299.1       84   11.1   290.4      151    7.6   297.7
 18    0.6   297.9       85   11.3   290.8      152    7.6   297.7
 19    0.8   297.1       86   11.1   290.7      153    7.4   297.8
 20    0.7   299.5       87   11.1   287.0      154    7.2   297.8
 21    0.6   301.8       88   11.2   287.0      155    7.0   297.8
 22    0.5   303.6       89   11.3   287.0      156    6.8   297.8
 23    0.7   300.8       90   11.1   286.8      157    6.6   297.8
 24    0.8   299.4       91   10.8   286.6      158    6.6   297.9
 25    0.9   301.4       92   10.5   284.9      159    6.6   298.0
 26    1.0   303.5       93   10.1   283.7      160    6.7   298.1
 27    1.0   304.5       94    9.7   283.5      161    6.7   298.1
 28    1.0   301.2       95    9.5   283.4      162    6.8   298.2
 29    1.1   304.0       96    9.6   283.3      163    6.9   298.2
 30    1.6   302.6       97    9.7   283.3      164    6.8   298.3
 31    2.2   304.4       98    9.8   284 1      165    6.6   301.8
 32    2.9   298.7       99   10.0   286.6      166    6.4   303.6
 33    2 6   289.2      100   10.2   286.8      167    6.1   304.0
 34    2.1   272.7      101   10.4   286.9      168    6.2   302.6
 35    1.6   255.7      102   10.3   287.0      169    6.4   300.5
 36    1.6   260.2      103   10.4   290.2      170    6.5   298.1
 37    1.7   268.9      104   10.4   291.1      171    6.5   297.9
 38    1.9   278.1      105   10.4   291.1      172    6.6   297.9
 39    2.5   286.4      106   10.4   291.1      173    6.6   298.0
 40    3.0   290.2      107   10.4   291.1      174    6.6   298.1
 41    3.2   285.7      108   10.4   291.1      175    6.9   298.2
 42    3.2   275.1      109   10.4   291.1      176    6.7   298.2
 43    3.3   268.2      110   10.4   291.1      177    6.4   298.3
 44    3.2   268.7      111   10.5   291.1      178    5.9   298.2
 45    3.5   276.8      112   10.5   291.1      179    5.4   298.3
 46    3.7   282.4      113   10.2   291.0      180    5.4   298.5
 47    3.9   285.7      114    9.8   290.9      181    6.2   299.0
 48    4.2   286.4      115    9.5   290.9      182    6.7   300.3
 49    4.2   286.3      116    9.2   290.7      183    6.6   298.8
 50    4.2   286.1      117    8.8   290.6      184    6.1   294.9
 51    4.2   286.0      118    8.5   290.5      185    5.7   291.6
 52    4.4   286.2      119    8.5   290 5      186    5.3   287 8
 53    4.5   286.4      120    8 8   290.6      187    5.1   287.8
 54    4.7   288 7      121    8.9   290.7      188    5.0   289.5
 55    5.1   293 0      122    8.9   293.5      189    4.9   292.7
 56    5.5   294.9      123    9.1   294.4      190    5.2   295.9
 57    5 8   296 5      124    9.2   294.4      191    5.6   296.7
 58    6.1   297 5      125    9.2   294.4      192    5.8   296.0
 59    6.7   297.5      126    9.1   294.3      193    5.8   294.4
 60    7.0   295.3      127    9.3   294.4      194    5.7   291.3
 61    6.9   293.8      128    9.4   294.4      195    5.7   291.1
 62    7.0   293.9      129    9.3   294.4      196    5.4   290.2
 63    7.4   293 9      130    9.0   294.4      197    5.0   287 3
 64    7.7   293.9      131    8.7   294.3      198    4.8   284.6
 65    8.0   293 9      132    8.5   294.2
 66    8.1   293 9      133    8.3   294.2
```

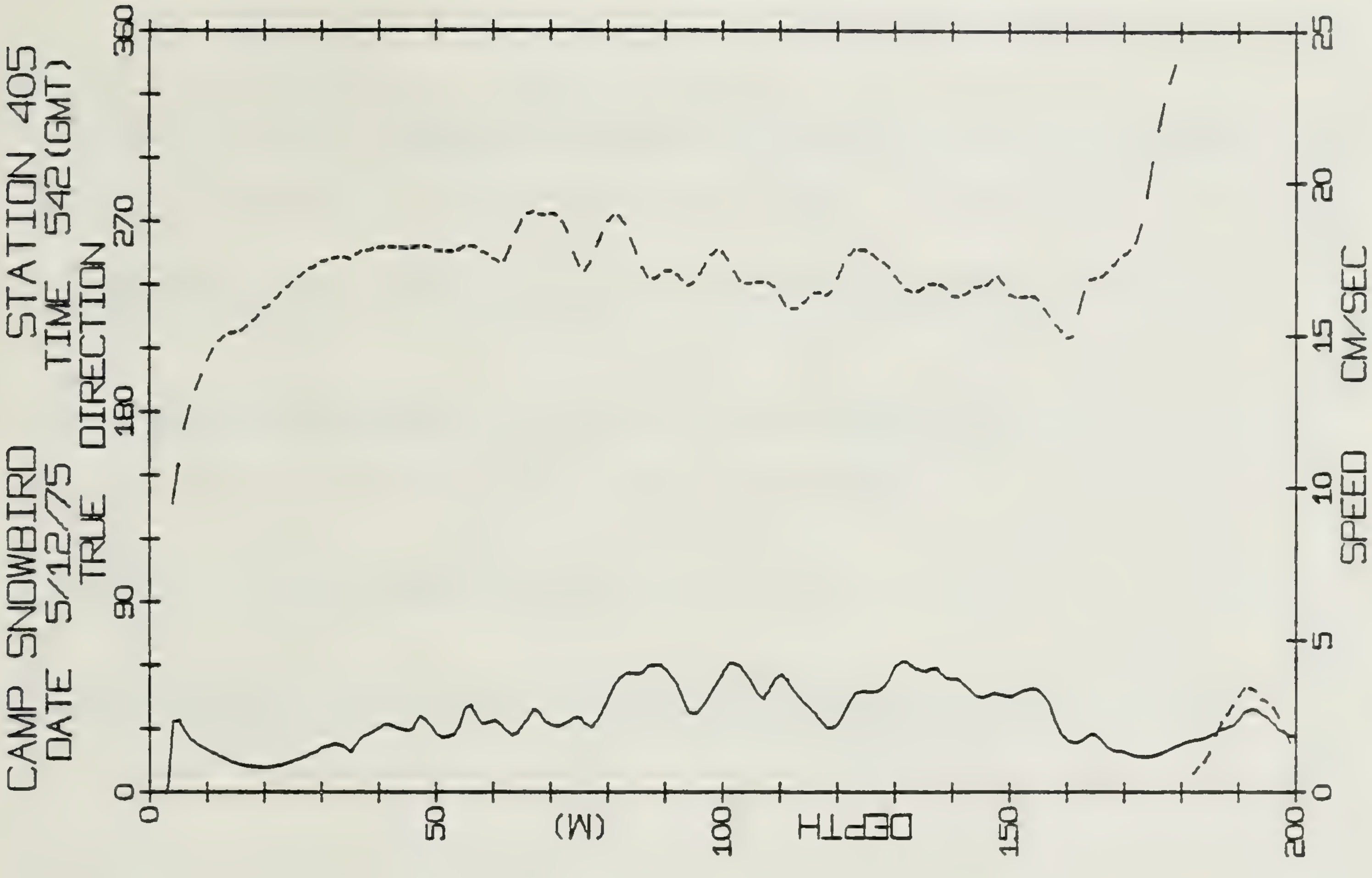
```
SNOWBIRD STATION 401     (198M.)      3/DEC/75      543 GMT
LAT= 73.8630N  LONG= 144.8980W  LTER=     1.  LGER=     2.
NIVEL=  -2.6   EIVEL=    4.1    NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6 8   258.1      134    8.5   271.6
  1    0.0   999.9       68    7.3   262 7      135    8.3   272.0
  2    0.0   999.9       69    8.0   263.9      136    8.2   271.8
  3    0.0   999.9       70    8.1   264.3      137    8.0   271.6
  4    1.7   177.2       71    8.2   264.6      138    7.8   271.3
  5    1.7   196.5       72    8.1   264.5      139    7.6   271.0
  6    1.8   205.3       73    8.2   264.4      140    7.5   271.0
  7    2.0   207.3       74    8.6   264.8      141    7.5   270.9
  8    2.1   206.6       75    8.8   265.0      142    7.5   271.0
  9    2.2   202.5       76    9.1   265.5      143    7.8   271.6
 10    2.2   196.6       77    9.4   262.7      144    8.0   271.9
 11    2.3   192.2       78    9.5   262.5      145    8.2   272.3
 12    2.4   190.1       79    9.5   262 6      146    8.4   272.7
 13    2.4   190.5       80    9.6   262.6      147    8.6   273.0
 14    2.5   192.0       81    9.7   262.7      148    8.6   273.1
 15    2.6   194.0       82    9.8   262 7      149    8.5   273.0
 16    2.5   194.7       83    9.8   266.4      150    7.9   272.3
 17    2.6   195.0       84    9.9   266.9      151    7.4   271.5
 18    2.7   194.1       85   10.0   266.9      152    7.2   271.3
 19    2.9   193.0       86   10.0   267.0      153    6.8   270.6
 20    3.1   193.5       87   10 1   267.0      154    6.5   272.0
 21    3.3   194.9       88   10.1   265.5      155    6.2   273.7
 22    3.4   196.7       89   10.3   260.7      156    6.3   273.7
 23    3.5   196.1       90   10.3   258.4      157    6.4   275.4
 24    3.6   193.0       91   10.0   257.8      158    6.6   278 4
 25    3.6   190.7       92    9.7   258.6      159    6.7   278.6
 26    3.6   187.2       93    9.4   260.0      160    6.7   278.6
 27    3.5   185.2       94    9.2   259.7      161    6.5   278 5
 28    3.6   185.2       95    9.4   260.1      162    6.4   278.4
 29    3.6   186.5       96    9.7   264.5      163    6.4   278.3
 30    3.8   188.5       97    9.5   266.2      164    6.4   274.9
 31    3.8   190.8       98    9.3   266.0      165    6.2   273 7
 32    3.9   193.8       99    9.0   265.7      166    5.9   273.2
 33    3.8   197.8      100    8.8   265.6      167    5.8   272.8
 34    3.7   202.3      101    9.1   266.1      168    5.8   272 9
 35    3.6   206.4      102    9.5   266.7      169    5.8   272.8
 36    3.7   208.7      103    9.9   267.1      170    5.8   272.7
 37    3.7   211.8      104   10.3   267.6      171    5.7   272.4
 38    3.5   216.3      105   10.6   264.5      172    5.6   272.0
 39    3.2   220.7      106   10.8   262.9      173    5.5   271.8
 40    2.8   223.6      107   10.9   263.2      174    5.4   271.7
 41    2.6   221.7      108   10.9   265.4      175    5.5   271.9
 42    2.5   216.1      109   10.7   266.8      176    5.6   272.0
 43    2.7   213.0      110   10.4   267.6      177    5.5   272.0
 44    3.0   210.7      111   10.3   266.9      178    5.5   272.1
 45    3.0   211.8      112   10.3   265.7      179    5.5   272.3
 46    3.0   214.7      113   10.3   264.2      180    5.6   272.4
 47    2.9   218.6      114   10.2   262.4      181    5.7   269.4
 48    2.7   220.4      115   10.0   262.3      182    5.9   269.4
 49    2.7   226.6      116   10.1   262.3      183    5.9   271 3
 50    2.9   236.5      117   10.0   262.2      184    5.7   272.7
 51    3.1   241.0      118    9.8   262.1      185    5.2   278.8
 52    3.2   240.8      119    9.6   261.8      186    5.0   274.9
 53    3.3   242.2      120    9.5   261 7      187    4.7   272.5
 54    3.7   247.6      121    9.6   261.8      188    4.4   271.5
 55    4.2   248.6      122    9.4   267.0      189    4.1   273.1
 56    4.7   250.3      123    9 4   267.8      190    3.9   273.2
 57    5.0   252.1      124    9.5   267.8      191    4.1   273.9
 58    5.3   253.7      125    9.6   267.9      192    4.5   275.5
 59    5.4   253.4      126    9.7   268.0      193    4.5   280.8
 60    5.4   253.2      127    9.7   268.0      194    4.3   283 8
 61    5.9   255.4      128    9.5   267.8      195    4.1   285.8
 62    6.3   257.3      129    9.3   267.7      196    4.0   285.4
 63    6.5   257.9      130    9.3   267.6      197    4.2   285.7
 64    6.5   258.0      131    9.2   267.5      198    4.3   285.9
 65    6.5   257.5      132    9.0   267.2
 66    6.5   257.2      133    8.8   267.8
```

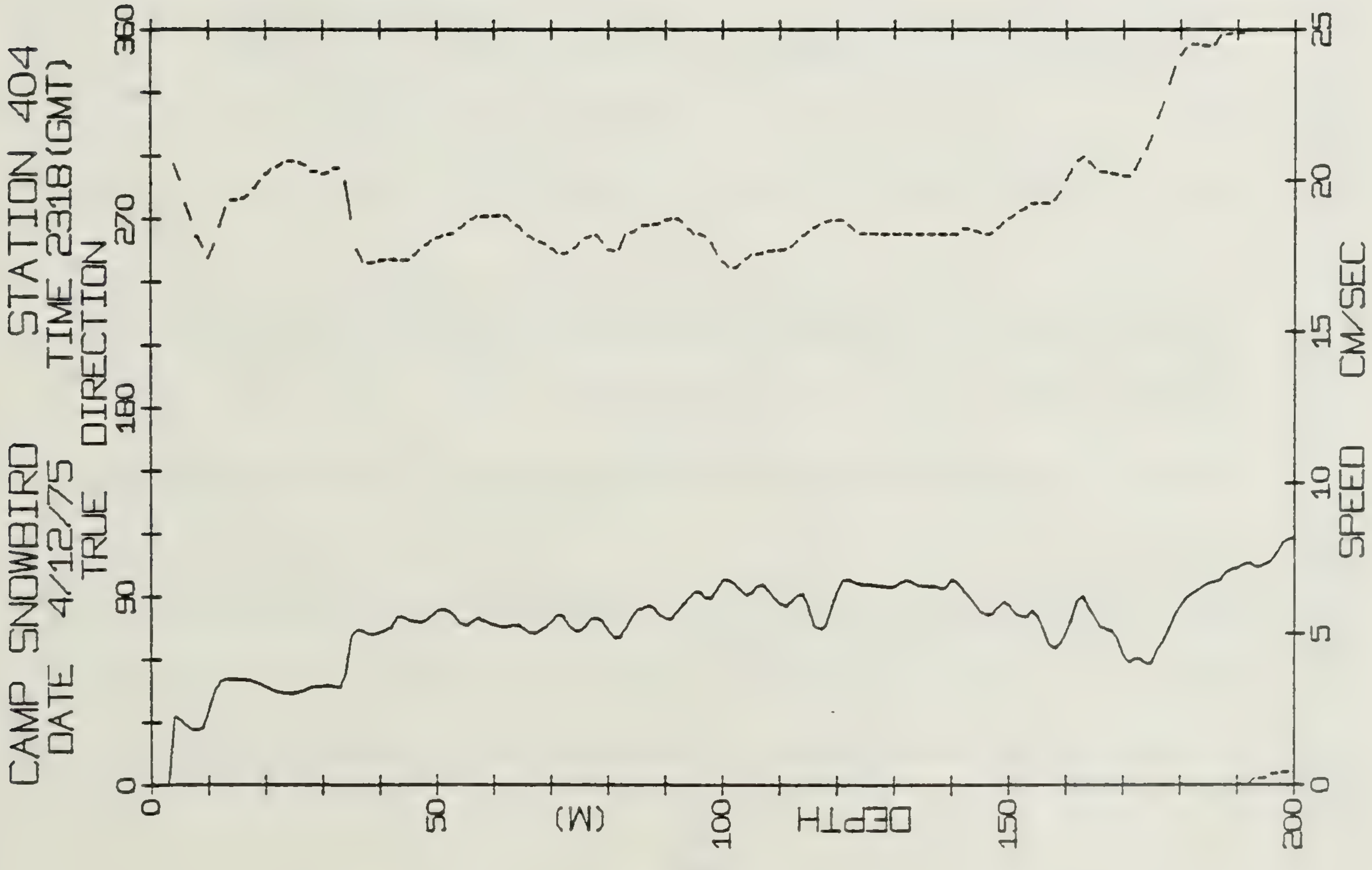

CAMP SNOWBIRD STATION 403
DATE 4/12/75 TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 402
DATE 3/12/75 TIME 2328(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 402     (198M.)        3/DEC/75        2328 GMT
LAT= 73.8572N  LONG= 144.8423W  LTER=        1.   LGER=        2.
NIVEL=    0.3   EIVEL=    0.0    NVER=        0.   EVER=        0.

 DPT   SPD   DRN          DPT   SPD   DRN          DPT   SPD   DRN
   0   0.0  999.9          67   5.4  276.3         134   6.2  272.9
   1   0.0  999.9          68   5.5  276.5         135   6.7  274.6
   2   0.0  999.9          69   5.9  276.2         136   6.5  274.8
   3   0.0  999.9          70   6.3  275.9         137   6.2  275.8
   4   2.1  333.4          71   6.5  275.8         138   6.0  277.5
   5   2.2  338.6          72   6.7  275.9         139   5.9  278.9
   6   2.2  341.0          73   6.4  276.1         140   5.8  279.5
   7   2.3  341.9          74   6.3  275.9         141   5.8  279.7
   8   2.2  340.7          75   6.3  274.6         142   5.8  278.7
   9   2.2  338.5          76   6.4  271.9         143   5.8  276.9
  10   2.2  338.2          77   6.4  269.7         144   5.8  275.6
  11   2.2  337.8          78   6.3  269.6         145   5.8  275.9
  12   2.2  336.7          79   6.5  269.5         146   5.8  277.0
  13   2.2  333.7          80   6.7  269.3         147   5.8  278.8
  14   2.2  331.5          81   7.1  269.2         148   5.6  281.2
  15   2.1  331.4          82   7.3  267.0         149   5.5  284.0
  16   2.1  331.6          83   7.5  266.8         150   5.3  286.2
  17   2.1  331.7          84   7.5  266.8         151   5.3  287.1
  18   2.1  330.9          85   7.5  266.7         152   5.2  287.2
  19   2.9  333.6          86   7.5  266.6         153   5.0  286.8
  20   3.1  333.6          87   7.7  264.2         154   4.8  286.5
  21   3.2  332.6          88   7.8  261.6         155   4.6  284.4
  22   3.1  332.3          89   7.9  261.5         156   4.5  284.0
  23   3.0  331.9          90   8.0  261.3         157   4.4  286.6
  24   3.0  330.5          91   8.0  261.2         158   4.5  290.9
  25   3.4  328.6          92   8.1  261.1         159   5.0  294.8
  26   3.4  324.2          93   7.7  260.2         160   5.5  297.2
  27   3.2  314.9          94   7.3  258.5         161   5.9  297.6
  28   2.9  306.5          95   7.3  259.2         162   6.1  297.6
  29   3.1  303.5          96   7.0  260.9         163   5.8  296.2
  30   3.2  301.4          97   7.0  263.1         164   5.6  293.5
  31   3.2  299.8          98   7.4  264.4         165   5.4  292.1
  32   3.3  295.2          99   7.7  264.4         166   5.3  292.1
  33   4.0  288.6         100   7.9  264.4         167   5.2  292.1
  34   4.3  285.0         101   7.9  264.4         168   5.2  292.4
  35   4.1  283.0         102   7.9  266.5         169   5.2  294.3
  36   3.8  282.1         103   7.7  266.5         170   5.3  293.7
  37   3.9  281.6         104   7.4  266.6         171   5.4  293.0
  38   4.0  279.7         105   7.3  266.7         172   5.2  293.5
  39   4.2  276.7         106   7.2  266.7         173   4.7  294.3
  40   4.4  272.2         107   7.2  266.7         174   4.5  293.8
  41   4.4  269.4         108   7.1  266.7         175   4.3  295.2
  42   4.4  267.1         109   7.0  266.8         176   4.1  296.1
  43   4.4  264.9         110   6.8  264.3         177   4.1  297.5
  44   4.7  261.9         111   6.7  264.6         178   4.1  298.5
  45   5.0  259.4         112   6.5  264.6         179   4.2  298.4
  46   5.0  259.6         113   6.4  262.9         180   4.4  300.3
  47   5.0  261.3         114   6.2  260.6         181   4.6  301.9
  48   5.2  262.6         115   6.1  257.4         182   4.8  301.5
  49   5.7  261.8         116   6.1  254.1         183   4.6  301.9
  50   6.0  260.9         117   6.0  254.3         184   4.5  304.6
  51   6.0  260.6         118   6.0  257.4         185   4.6  304.9
  52   5.9  260.8         119   6.0  261.0         186   4.9  308.2
  53   5.6  261.4         120   6.0  263.9         187   5.0  310.3
  54   5.5  262.5         121   6.1  264.4         188   4.9  312.3
  55   5.5  263.1         122   6.0  264.6         189   5.0  314.2
  56   5.6  264.0         123   5.9  265.5         190   5.0  320.2
  57   5.8  266.0         124   5.8  268.5         191   4.9  325.3
  58   5.9  267.2         125   5.7  269.6         192   4.7  328.2
  59   6.0  267.5         126   5.8  270.3         193   4.5  329.7
  60   5.9  267.7         127   6.1  270.7         194   4.5  329.9
  61   5.7  268.6         128   6.2  269.9         195   4.7  330.1
  62   5.7  270.8         129   5.9  269.1         196   4.9  330.3
  63   5.8  273.7         130   5.9  268.2         197   4.8  332.2
  64   5.9  274.1         131   5.8  268.3         198   3.9    9.8
  65   5.8  274.0         132   5.6  269.8
  66   5.6  274.0         133   5.7  271.4
```

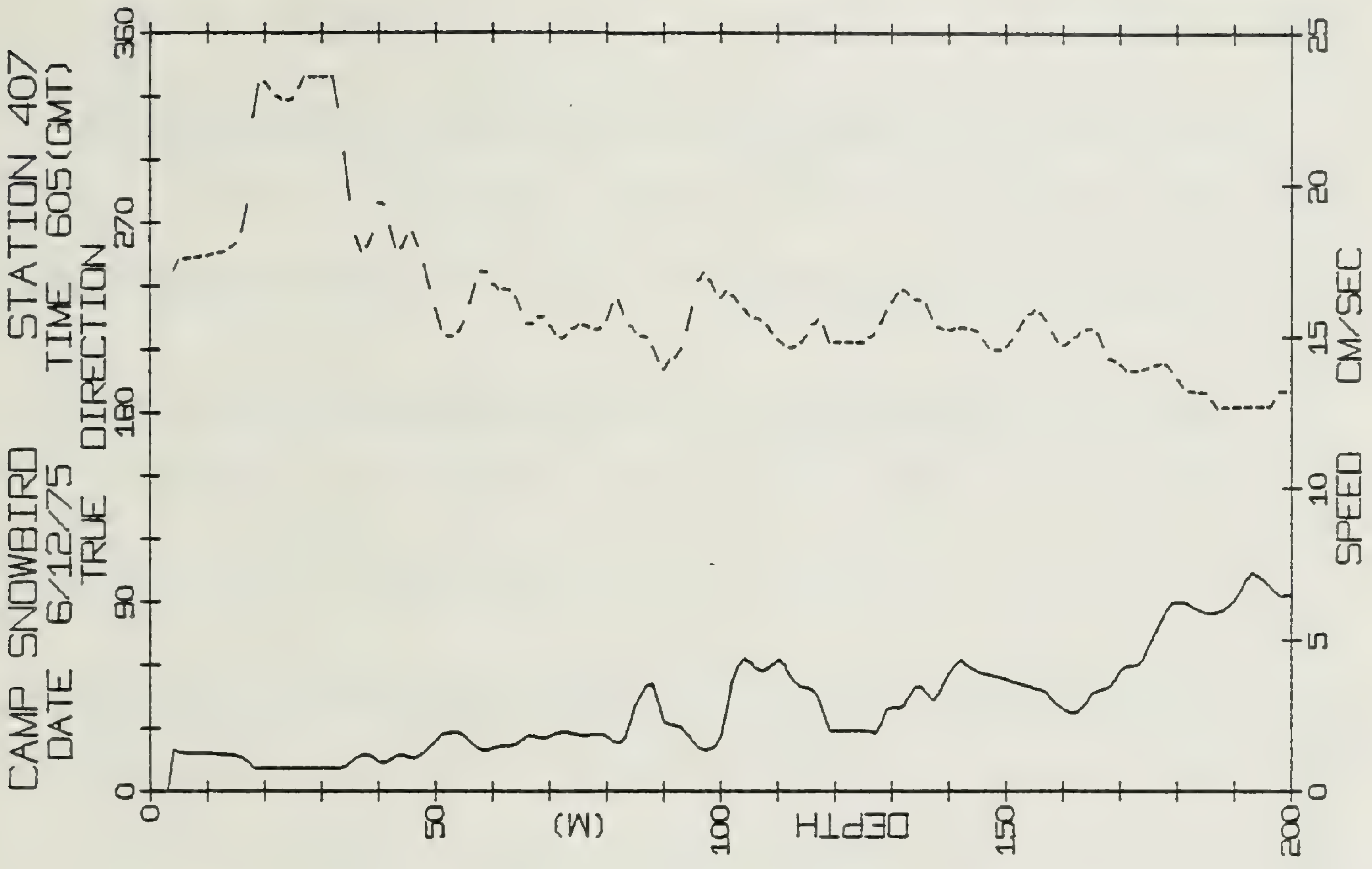
```
SNOWBIRD STATION 403     (200M.)        4/DEC/75         543 GMT
LAT= 73.8560N  LONG= 144.8381W  LTER=        1.   LGER=        2.
NIVEL=   -0.7   EIVEL=    0.8    NVER=        0.   EVER=        0

 DPT   SPD   DRN          DPT   SPD   DRN          DPT   SPD   DRN
   0   0.0  999.9          67   4.3  256.9         134   4.6  254.6
   1   0.0  999.9          68   4.7  258.4         135   4.6  254.2
   2   0.0  999.9          69   4.5  256.4         136   4.7  252.5
   3   0.0  999.9          70   4.3  254.6         137   4.8  252.2
   4   1.2  224.9          71   4.2  253.1         138   4.8  252.1
   5   1.1  236.0          72   4.3  253.0         139   4.6  251.9
   6   1.0  251.3          73   4.5  253.7         140   4.5  253.1
   7   0.9  290.1          74   4.6  253.0         141   4.4  255.7
   8   1.0  324.4          75   4.7  250.8         142   4.6  255.7
   9   1.0  328.3          76   4.7  248.3         143   4.5  255.3
  10   1.0  328.0          77   4.8  246.2         144   4.4  254.9
  11   1.1  326.9          78   5.0  243.7         145   4.2  254.2
  12   1.1  325.4          79   5.2  241.9         146   4.2  258.4
  13   1.1  321.9          80   5.3  243.2         147   4.4  265.2
  14   1.1  316.9          81   5.5  244.1         148   4.6  271.0
  15   1.0  316.6          82   5.3  245.1         149   4.7  272.0
  16   1.0  317.2          83   5.2  244.7         150   4.4  270.3
  17   1.0  314.7          84   5.0  244.2         151   4.2  268.5
  18   1.1  310.9          85   5.0  244.0         152   4.3  267.2
  19   0.9  306.6          86   5.1  244.9         153   4.4  268.2
  20   0.9  304.7          87   5.1  246.4         154   4.6  271.6
  21   0.9  306.0          88   5.0  250.4         155   4.7  274.7
  22   0.9  301.5          89   5.0  250.3         156   4.8  276.2
  23   0.9  300.3          90   4.9  250.0         157   4.9  276.8
  24   0.9  297.9          91   4.7  251.5         158   4.8  276.0
  25   0.9  289.0          92   4.7  253.2         159   4.5  273.8
  26   1.0  278.9          93   4.9  255.5         160   4.3  273.0
  27   1.0  270.8          94   5.0  257.4         161   4.0  272.1
  28   1.1  262.1          95   5.0  258.0         162   3.9  269.7
  29   1.1  263.0          96   5.0  257.1         163   3.9  270.8
  30   1.1  266.1          97   4.9  255.5         164   3.8  278.7
  31   1.1  267.0          98   4.8  254.6         165   3.9  285.2
  32   1.6  274.0          99   4.5  257.3         166   3.6  290.0
  33   2.2  276.5         100   4.4  261.8         167   3.2  296.0
  34   2.6  277.5         101   4.4  266.8         168   2.9  301.2
  35   2.6  275.3         102   4.4  270.4         169   2.9  304.3
  36   2.7  273.7         103   4.4  272.0         170   3.2  306.7
  37   2.6  271.0         104   4.4  272.4         171   3.5  309.5
  38   2.6  270.2         105   4.4  269.5         172   3.5  312.2
  39   2.4  270.7         106   4.3  265.9         173   3.3  313.6
  40   2.2  272.4         107   4.4  262.7         174   3.5  316.3
  41   1.8  271.7         108   4.6  261.1         175   3.6  317.2
  42   1.3  267.9         109   4.6  258.9         176   3.7  317.1
  43   1.1  267.7         110   4.6  256.9         177   4.1  317.0
  44   1.1  267.3         111   4.7  255.2         178   4.5  317.1
  45   1.1  264.8         112   4.9  256.6         179   4.4  317.1
  46   1.2  260.3         113   4.9  256.6         180   4.3  317.0
  47   1.2  253.4         114   4.7  257.3         181   4.3  317.0
  48   1.3  247.0         115   4.6  260.3         182   4.4  317.0
  49   1.3  243.3         116   4.8  262.8         183   4.5  317.1
  50   1.3  242.5         117   5.1  264.6         184   4.8  317.0
  51   1.4  241.5         118   5.3  265.3         185   5.1  316.8
  52   1.8  246.5         119   5.3  264.9         186   4.7  317.1
  53   2.3  248.5         120   5.2  264.6         187   4.5  317.2
  54   2.5  248.8         121   5.1  264.4         188   4.5  320.5
  55   2.3  250.8         122   5.0  262.4         189   4.3  320.6
  56   2.0  253.0         123   4.9  261.4         190   4.2  320.8
  57   1.9  257.8         124   4.7  261.1         191   4.3  321.0
  58   2.3  264.5         125   4.7  261.4         192   4.1  321.0
  59   2.6  266.1         126   4.8  261.6         193   3.8  321.3
  60   3.0  263.8         127   5.0  260.7         194   3.7  324.4
  61   3.3  257.5         128   5.3  259.7         195   3.7  328.6
  62   3.3  250.6         129   5.3  259.0         196   3.5  328.0
  63   3.2  246.9         130   5.3  258.7         197   3.2  328.7
  64   3.1  247.8         131   5.2  258.3         198   3.2  329.3
  65   3.1  250.2         132   5.0  257.8         199   3.4  335.2
  66   3.6  254.0         133   4.8  255.3         200   3.3  344.2
```

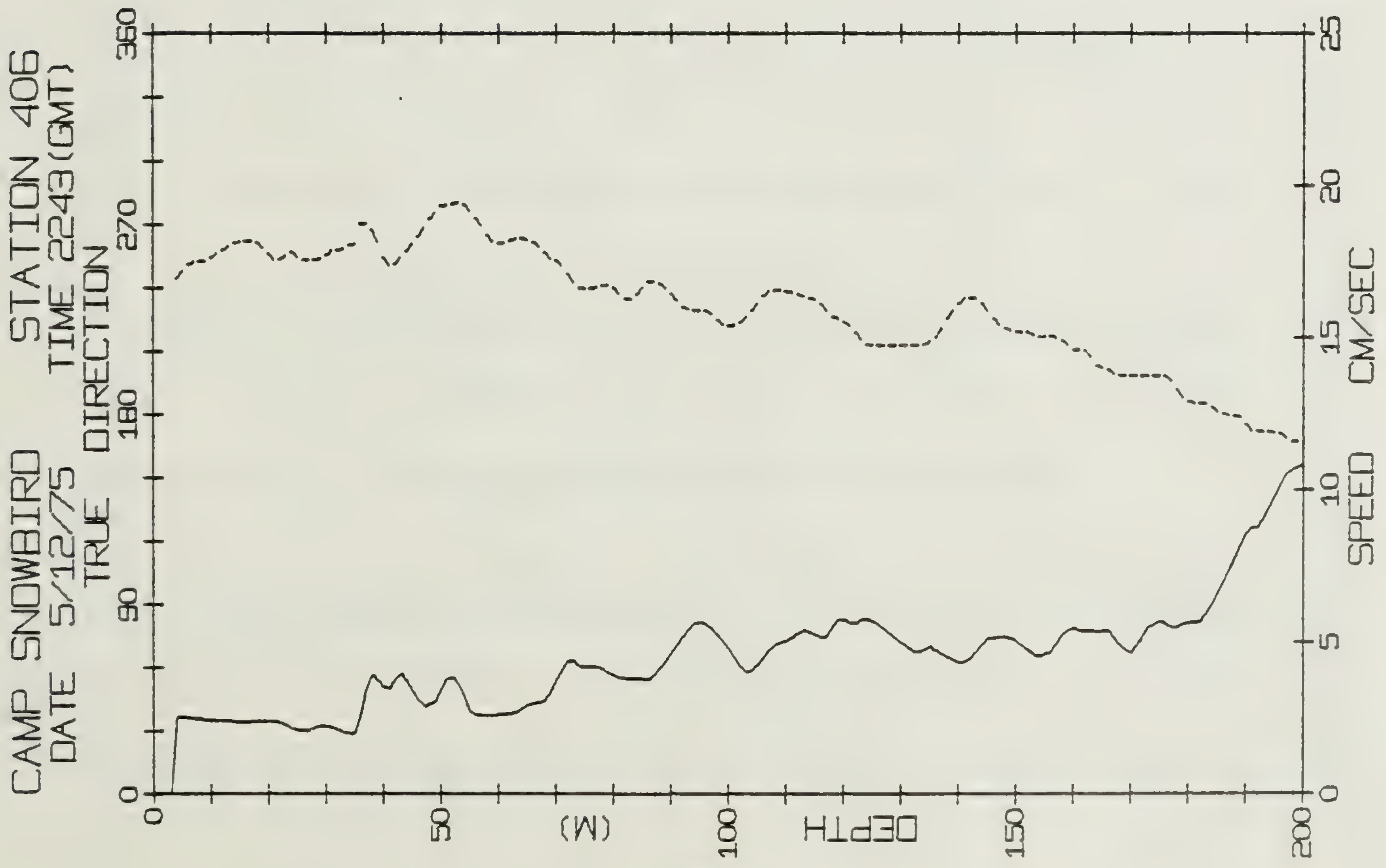

CAMP SNOWBIRD
DATE 5/12/75
STATION 405
TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
DATE 4/12/75
STATION 404
TIME 2318(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 404     (200M.)      4/DEC/75      2318 GMT
LAT= 73.8553N  LONG= 144.8329W  LTER=      1.  LGER=      2.
NIVEL=  -0.1   EIVEL=  -1.6     NVER=      0.  EVER=      0.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0   999.9       67   5.0   260.3      134   6.6   262.6
  1   0.0   999.9       68   5.1   259.2      135   6.6   262.6
  2   0.0   999.9       69   5.3   257.9      136   6.6   262.6
  3   0.0   999.9       70   5.4   256.0      137   6.6   262.7
  4   2.3   296.2       71   5.6   253.9      138   6.5   262.8
  5   2.2   289.0       72   5.6   253.6      139   6.6   262.8
  6   2.0   277.5       73   5.3   254.4      140   6.8   262.8
  7   1.8   269.8       74   5.1   256.3      141   6.7   262.9
  8   1.8   261.8       75   5.1   258.6      142   6.5   265.1
  9   1.9   257.0       76   5.3   261.1      143   6.3   265.1
 10   2.5   251.7       77   5.5   262.1      144   6.0   264.4
 11   3.1   257.8       78   5.6   262.4      145   5.7   263.2
 12   3.5   266.6       79   5.4   259.0      146   5.6   262.6
 13   3.6   275.5       80   5.1   255.4      147   5.7   263.5
 14   3.5   279.1       81   4.9   254.8      148   5.9   265.8
 15   3.5   279.4       82   4.9   256.0      149   6.1   268.1
 16   3.5   280.2       83   5.2   262.8      150   6.0   270.2
 17   3.5   281.7       84   5.5   263.8      151   5.7   272.1
 18   3.4   284.6       85   5.8   265.0      152   5.6   274.3
 19   3.4   287.9       86   5.9   266.9      153   5.6   275.6
 20   3.2   291.5       87   6.0   267.2      154   5.8   277.5
 21   3.1   293.7       88   5.9   267.5      155   5.6   277.9
 22   3.1   294.9       89   5.6   268.2      156   5.1   277.6
 23   3.0   296.7       90   5.5   269.5      157   4.7   277.3
 24   3.0   297.6       91   5.5   270.2      158   4.5   279.2
 25   3.1   297.4       92   5.7   270.2      159   4.7   283.0
 26   3.1   296.6       93   6.0   268.4      160   5.0   288.8
 27   3.2   295.4       94   6.2   265.0      161   5.5   293.4
 28   3.3   292.8       95   6.4   262.9      162   6.1   297.6
 29   3.3   292.7       96   6.4   262.5      163   6.3   299.4
 30   3.3   291.6       97   6.2   261.5      164   5.9   297.3
 31   3.3   292.3       98   6.2   258.7      165   5.6   294.5
 32   3.3   294.1       99   6.5   253.5      166   5.2   292.5
 33   3.2   294.6      100   6.8   249.7      167   5.1   292.0
 34   3.7   287.7      101   6.8   247.5      168   5.1   291.6
 35   5.0   270.3      102   6.7   246.7      169   4.8   291.0
 36   5.1   255.7      103   6.5   248.3      170   4.3   290.2
 37   5.1   250.0      104   6.3   251.1      171   4.1   290.4
 38   5.0   249.0      105   6.4   253.0      172   4.2   293.5
 39   5.0   249.6      106   6.6   253.5      173   4.2   298.7
 40   5.1   250.5      107   6.7   253.9      174   4.0   303.6
 41   5.2   251.0      108   6.4   255.0      175   4.0   309.6
 42   5.3   251.2      109   6.2   255.3      176   4.5   317.9
 43   5.6   250.4      110   6.0   255.4      177   4.8   325.3
 44   5.6   250.4      111   5.9   255.8      178   5.2   334.4
 45   5.5   251.0      112   6.1   256.9      179   5.6   342.4
 46   5.4   252.9      113   6.3   259.5      180   5.9   348.0
 47   5.4   255.5      114   6.4   262.2      181   6.2   351.5
 48   5.5   257.7      115   5.9   264.0      182   6.3   352.9
 49   5.6   259.5      116   5.3   265.8      183   6.5   353.0
 50   5.8   260.9      117   5.2   267.5      184   6.6   352.2
 51   5.8   262.2      118   5.3   268.7      185   6.7   352.2
 52   5.8   262.9      119   5.9   269.5      186   6.8   353.1
 53   5.6   263.5      120   6.4   269.6      187   6.8   357.3
 54   5.4   265.5      121   6.8   269.1      188   7.1   358.0
 55   5.3   267.8      122   6.8   267.0      189   7.2   358.3
 56   5.4   269.7      123   6.7   264.6      190   7.2   358.5
 57   5.6   271.3      124   6.6   262.9      191   7.3   358.8
 58   5.5   271.2      125   6.6   262.9      192   7.4     0.8
 59   5.4   271.2      126   6.6   262.8      193   7.3     3.1
 60   5.3   271.5      127   6.6   262.7      194   7.3     3.3
 61   5.2   271.7      128   6.6   262.7      195   7.4     3.6
 62   5.3   271.3      129   6.5   262.6      196   7.5     5.7
 63   5.3   269.4      130   6.6   262.6      197   7.7     5.9
 64   5.3   267.1      131   6.7   262.6      198   8.0     6.3
 65   5.2   264.7      132   6.8   262.6      199   8.2     6.5
 66   5.1   262.2      133   6.7   262.6      200   8.2     6.4
```

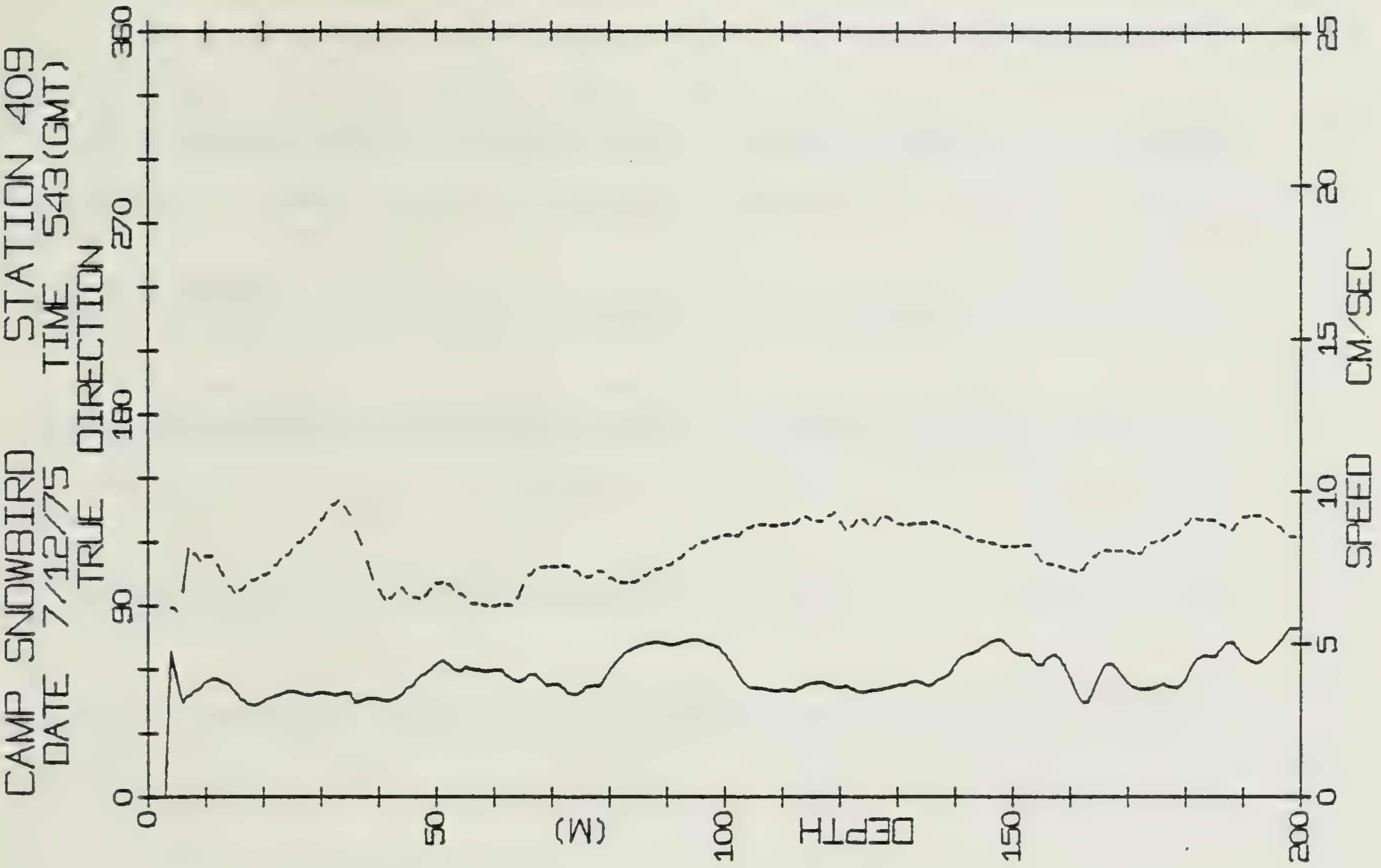
```
SNOWBIRD STATION 405     (200M.)      5/DEC/75       542 GMT
LAT= 73.8553N  LONG= 144.8321W  LTER=     13.  LGER=     37
NIVEL=  -0.2   EIVEL=   0.7     NVER=      0.  EVER=      0.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0   999.9       67   2.7   274.7      134   4.0   237.3
  1   0.0   999.9       68   2.6   273.1      135   3.9   238.6
  2   0.0   999.9       69   2.3   272.8      136   4.1   240.4
  3   0.0   999.9       70   2.2   273.7      137   4.1   240.4
  4   2.3   136.5       71   2.2   272.8      138   3.9   239.9
  5   2.4   155.0       72   2.2   270.0      139   3.7   238.0
  6   2.0   171.7       73   2.3   264.8      140   3.7   234.8
  7   1.7   182.6       74   2.5   255.1      141   3.7   234.2
  8   1.6   190.3       75   2.4   248.9      142   3.5   235.6
  9   1.5   197.0       76   2.2   246.7      143   3.4   237.2
 10   1.4   204.0       77   2.1   250.7      144   3.2   239.0
 11   1.3   209.5       78   2.4   257.6      145   3.1   239.9
 12   1.2   213.4       79   2.7   264.4      146   3.2   240.3
 13   1.1   215.8       80   3.1   269.9      147   3.3   242.5
 14   1.0   217.0       81   3.5   272.6      148   3.2   244.0
 15   0.9   217.7       82   3.7   272.2      149   3.2   240.0
 16   0.9   218.8       83   3.9   268.3      150   3.1   235.4
 17   0.8   220.4       84   3.9   262.0      151   3.2   234.3
 18   0.8   222.7       85   3.9   254.7      152   3.3   234.4
 19   0.8   225.4       86   4.0   248.2      153   3.4   235.0
 20   0.8   228.8       87   4.2   243.5      154   3.4   234.8
 21   0.8   230.4       88   4.2   242.8      155   3.3   233.1
 22   0.9   233.5       89   4.2   244.3      156   3.2   228.8
 23   0.9   236.2       90   4.0   246.5      157   2.9   225.3
 24   1.0   238.8       91   3.8   246.6      158   2.3   221.1
 25   1.0   241.3       92   3.5   244.8      159   1.9   218.6
 26   1.1   243.6       93   3.1   242.1      160   1.7   215.2
 27   1.2   245.7       94   2.7   239.9      161   1.6   215.9
 28   1.3   247.6       95   2.6   241.1      162   1.7   226.9
 29   1.3   249.0       96   2.7   244.8      163   1.8   237.2
 30   1.5   250.9       97   3.0   249.5      164   1.9   242.9
 31   1.5   251.9       98   3.3   254.0      165   1.9   243.7
 32   1.6   252.8       99   3.6   256.3      166   1.7   244.2
 33   1.5   252.9      100   3.9   255.1      167   1.5   246.5
 34   1.5   252.7      101   4.2   251.5      168   1.4   249.5
 35   1.3   251.9      102   4.2   246.2      169   1.4   252.2
 36   1.6   254.3      103   4.1   241.9      170   1.3   254.4
 37   1.8   255.8      104   3.9   240.7      171   1.2   256.6
 38   1.9   256.4      105   3.6   241.0      172   1.2   259.8
 39   2.0   256.8      106   3.2   241.2      173   1.2   268.9
 40   2.1   257.3      107   3.1   241.4      174   1.2   281.7
 41   2.2   257.8      108   3.3   240.7      175   1.2   298.6
 42   2.2   257.6      109   3.7   238.9      176   1.3   313.1
 43   2.1   257.4      110   3.9   234.9      177   1.3   326.2
 44   2.0   257.1      111   3.7   230.0      178   1.4   336.0
 45   2.0   256.9      112   3.4   228.5      179   1.5   344.4
 46   2.1   257.3      113   3.2   228.9      180   1.6   351.2
 47   2.5   258.3      114   3.0   231.2      181   1.7     1.8
 48   2.4   257.9      115   2.8   234.0      182   1.7     9.0
 49   2.2   257.2      116   2.6   236.0      183   1.8    12.0
 50   1.9   256.0      117   2.4   236.2      184   1.8    14.5
 51   1.8   255.4      118   2.1   235.1      185   1.9    19.1
 52   1.8   255.5      119   2.1   237.2      186   2.0    27.2
 53   1.9   255.7      120   2.2   243.3      187   2.1    33.0
 54   2.1   256.5      121   2.6   249.2      188   2.1    36.8
 55   2.8   258.0      122   2.9   254.1      189   2.2    41.2
 56   2.9   258.3      123   3.2   256.8      190   2.4    45.6
 57   2.5   257.3      124   3.3   256.8      191   2.7    49.3
 58   2.3   255.4      125   3.3   256.0      192   2.7    49.3
 59   2.3   254.2      126   3.3   254.4      193   2.7    47.9
 60   2.4   252.3      127   3.3   252.2      194   2.6    44.0
 61   2.2   250.6      128   3.5   250.6      195   2.4    42.7
 62   2.1   251.6      129   3.7   248.1      196   2.3    40.4
 63   1.9   257.6      130   4.1   244.1      197   2.0    35.9
 64   1.9   264.7      131   4.3   241.0      198   1.9    29.1
 65   2.2   270.5      132   4.3   237.8      199   1.8    23.5
 66   2.5   273.7      133   4.1   236.4      200   1.8    19.8
```

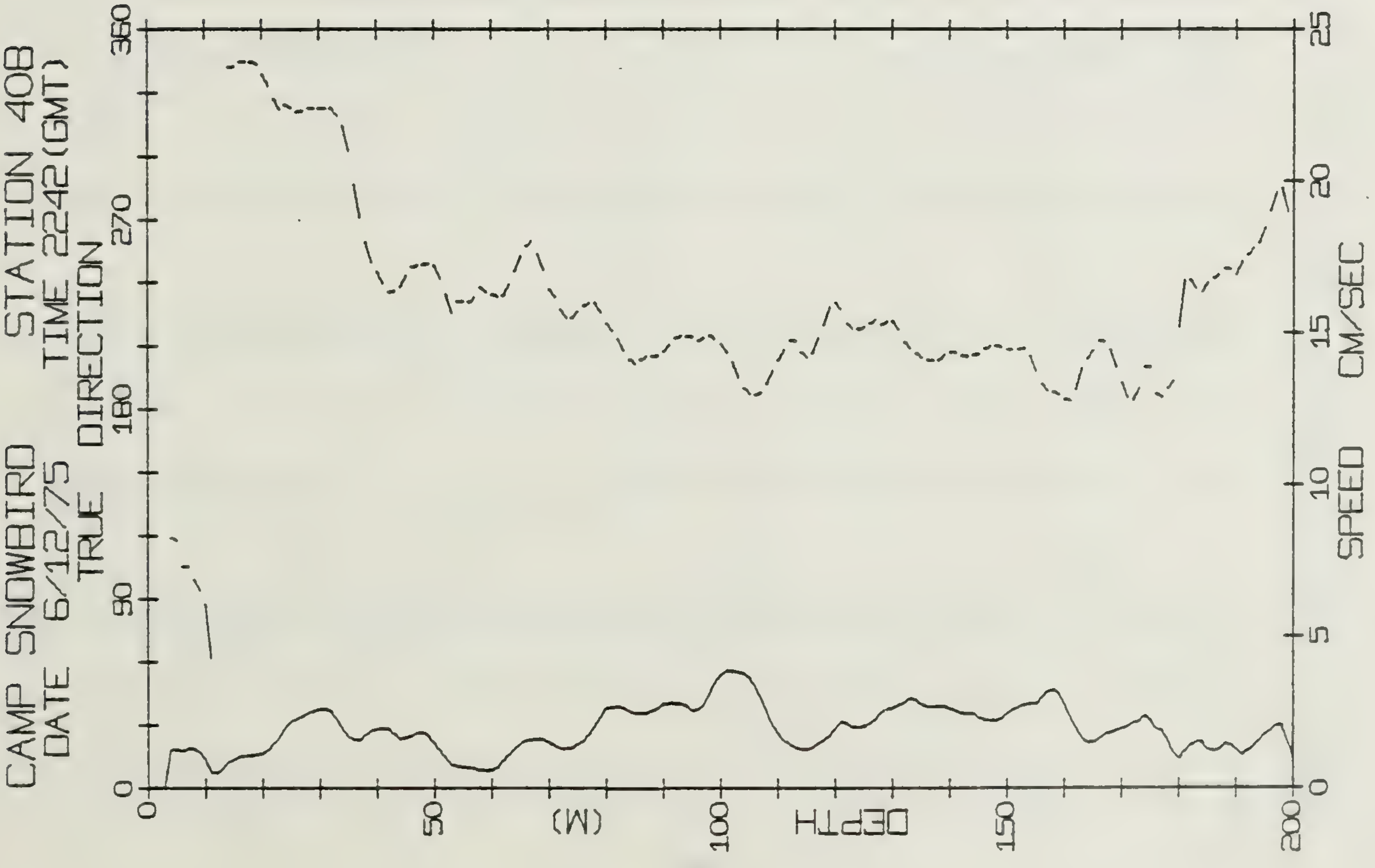

CAMP SNOWBIRD
STATION 407
DATE 6/12/75
TIME 605(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 406
DATE 5/12/75
TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 406     (200M. )        5/DEC/75      2243 GMT
LAT= 73. 8523N  LONG= 144. 8274W  LTER=      1   LGER=      1.
NIVEL=  -0 5   EIVEL=  -0. 4      NVER=      0   EVER=      0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0 0   999. 9      67     3. 0   259. 5     134     4. 8   213. 3
  1     0. 0  999. 9      68     3. 1   256. 7     135     4. 9   214 7
  2     0. 0  999. 9      69     3. 3   253. 8     136     4. 7   216. 4
  3     0. 0  999. 9      70     3. 8   252 8      137     4. 6   220 5
  4     2. 5  244. 4      71     4. 1   250 7      138     4. 5   225. 4
  5     2. 5  247. 7      72     4. 4   246 6      139     4. 4   229. 1
  6     2. 5  250 8       73     4. 4   242 9      140     4. 3   232. 4
  7     2 5   252. 2      74     4. 2   240. 0     141     4. 4   234. 7
  8     2. 4  252 6       75     4. 2   239. 4     142     4. 5   235. 3
  9     2. 4  252 6       76     4. 2   239. 9     143     4. 7   234. 8
 10     2. 4  254. 2      77     4. 2   240. 6     144     4. 9   232. 7
 11     2. 4  256 0       78     4. 1   241. 2     145     5. 1   229. 0
 12     2. 4  257. 7      79     4. 0   241. 3     146     5. 1   225. 5
 13     2. 4  259. 4      80     3. 9   239. 8     147     5. 2   222. 4
 14     2. 4  261. 0      81     3. 8   237. 2     148     5. 2   220. 8
 15     2. 4  262 0       82     3. 8   235. 0     149     5. 1   219. 6
 16     2. 4  262 2       83     3. 8   234. 0     150     5. 0   218. 9
 17     2. 4  261. 8      84     3. 8   236. 7     151     4. 9   218. 8
 18     2 4   260. 9      85     3. 8   240. 1     152     4. 7   218 7
 19     2. 4  258. 7      86     3. 8   242. 7     153     4. 6   217. 4
 20     2. 4  255 7       87     3. 9   243. 3     154     4. 5   216. 7
 21     2. 4  253. 1      88     4. 1   242. 0     155     4. 6   217. 0
 22     2. 3  253. 5      89     4. 4   239. 9     156     4. 7   217. 3
 23     2. 2  255 3       90     4. 6   237. 4     157     4. 9   215. 8
 24     2 1   256. 7      91     4. 9   233. 9     158     5. 2   214. 8
 25     2 1   254. 7      92     5. 2   230 6      159     5. 4   212. 9
 26     2. 1  253. 1      93     5. 4   229. 5     160     5. 5   210. 6
 27     2 1   253. 5      94     5. 6   229. 0     161     5. 4   210. 4
 28     2. 2  253. 4      95     5. 7   228. 9     162     5. 4   210. 1
 29     2. 2  253. 7      96     5. 6   228. 8     163     5. 4   207. 2
 30     2. 2  255. 4      97     5. 5   227. 3     164     5. 3   203. 0
 31     2. 2  257. 4      98     5. 3   224. 8     165     5. 4   201. 8
 32     2. 1  257. 8      99     5. 0   222. 3     166     5. 4   201. 0
 33     2. 0  258. 6     100     4. 8   221. 9     167     5. 2   199. 2
 34     2. 0  260. 0     101     4. 5   222. 3     168     4. 9   198. 1
 35     2. 0  260. 7     102     4. 2   223. 6     169     4. 7   198. 2
 36     2. 6  270. 2     103     4. 0   225. 8     170     4. 6   198. 3
 37     3. 5  270. 8     104     4. 1   229. 0     171     4. 9   198. 1
 38     3. 9  267 5      105     4. 2   232. 2     172     5. 2   198. 0
 39     3. 8  261 8      106     4. 5   236. 0     173     5. 5   197. 9
 40     3. 5  254. 3     107     4. 7   238. 5     174     5. 6   198. 0
 41     3. 5  250 6      108     4. 9   238. 9     175     5. 7   198. 1
 42     3. 8  251. 4     109     5. 0   238. 7     176     5. 6   197. 7
 43     4. 0  254 2      110     5. 1   238. 2     177     5. 5   195. 7
 44     3. 7  257. 2     111     5. 2   237. 6     178     5. 5   191. 6
 45     3. 4  260. 5     112     5. 3   236. 8     179     5. 6   188. 1
 46     3. 1  264 2      113     5. 4   235. 8     180     5. 7   186. 4
 47     2 9   268. 5     114     5. 3   234. 9     181     5. 6   185. 3
 48     2 9   272. 7     115     5. 2   233. 9     182     5. 7   185. 1
 49     3. 1  275. 5     116     5 2    232. 2     183     5. 9   185. 0
 50     3. 4  278. 8     117     5 2    229. 1     184     6. 2   183. 4
 51     3. 8  279 1      118     5. 5   226. 4     185     6. 6   181. 3
 52     3 8   279. 9     119     5. 7   224. 9     186     6. 9   180. 3
 53     3. 6  280. 5     120     5. 8   223. 6     187     7. 3   179. 4
 54     3. 2  279. 3     121     5. 6   221. 9     188     7. 7   178. 9
 55     2. 7  276. 5     122     5. 6   218. 7     189     8. 2   178. 4
 56     2 6   273. 0     123     5. 8   215. 7     190     8. 5   175. 2
 57     2 6   269. 5     124     5. 8   213 0      191     8 8    172. 1
 58     2. 6  265. 0     125     5. 7   212. 6     192     8. 8   171. 8
 59     2. 6  261 9      126     5. 6   212 6      193     9. 0   171. 6
 60     2 6   260 7      127     5. 4   212 6      194     9. 4   171. 4
 61     2. 6  261. 3     128     5. 3   212. 6     195     9. 8   171. 1
 62     2 7   262. 5     129     5. 1   212. 6     196    10. 2   170. 8
 63     2. 7  263. 4     130     5. 0   212. 6     197    10. 5   169. 0
 64     2. 8  263. 5     131     4. 8   212. 6     198    10. 7   167. 1
 65     2. 9  262. 5     132     4 7    212. 7     199    10. 8   166. 9
 66     3. 0  261. 4     133     4. 7   212 7      200    10. 9   166. 8
```

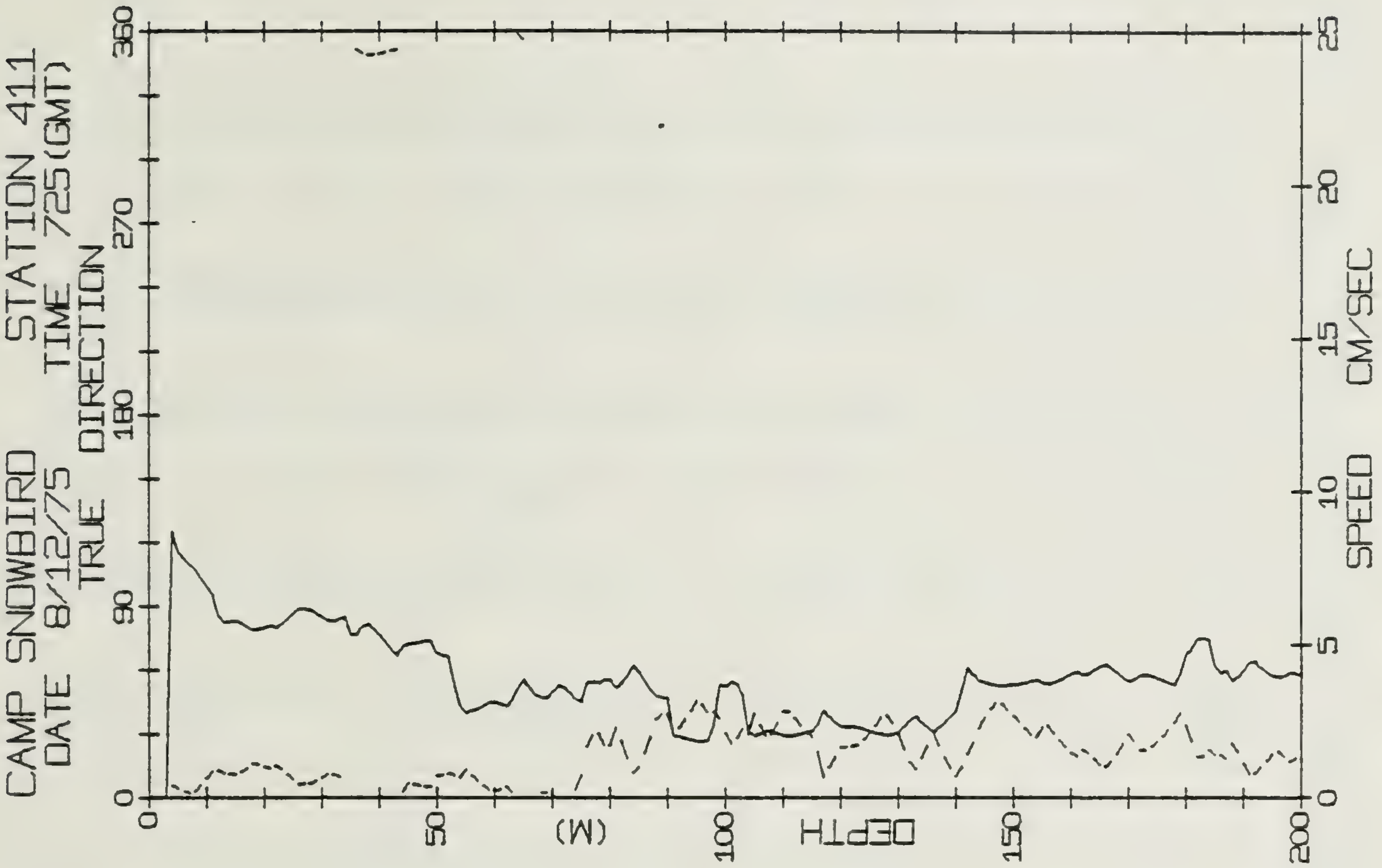
```
SNOWDIRD STATION 407     (200M. )        6/DEC/75       605 GMT
LAT= 73. 8506N  LONG= 144. 8246W  LTER=      0.  LGER=      0.
NIVEL=  -0. 9   EIVEL=   0. 5     NVER=      0.  EVER=      0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0. 0  999 9       67     1. 8   222. 0     134     3. 5   234. 2
  1     0. 0  999. 9      68     1. 8   225. 3     135     3. 5   233. 4
  2     0. 0  999. 9      69     1. 8   225. 8     136     3. 3   231. 6
  3     0. 0  999. 9      70     1. 8   221. 4     137     3. 0   225 2
  4     1. 4  247 3       71     1. 9   217. 3     138     3. 2   221 0
  5     1. 3  252 2       72     2. 0   215. 5     139     3. 6   219 6
  6     1. 3  253. 0      73     1. 9   216. 8     140     3. 9   219. 5
  7     1. 3  253. 4      74     1. 9   219. 8     141     4. 2   220. 4
  8     1. 3  253. 8      75     1. 8   221. 7     142     4. 3   220. 8
  9     1. 2  254. 3      76     1. 8   221. 5     143     4. 2   220 1
 10     1. 2  254. 7      77     1. 9   220. 2     144     4. 1   219. 6
 11     1. 2  255. 3      78     1. 9   219. 4     145     3. 9   218. 4
 12     1. 2  256. 0      79     1. 9   220. 2     146     3. 9   214. 6
 13     1. 2  256. 6      80     1. 8   224. 2     147     3. 8   211. 0
 14     1. 2  258. 1      81     1. 6   231. 3     148     3. 8   209. 8
 15     1. 2  260. 6      82     1. 6   233. 3     149     3. 7   210. 1
 16     1. 1  265. 9      83     1. 7   226. 6     150     3. 7   211. 6
 17     1. 0  278. 3      84     2. 2   221. 4     151     3. 6   214 8
 18     0. 8  320. 1      85     2. 9   218. 4     152     3. 6   219. 3
 19     0. 8  335. 8      86     3. 2   216. 5     153     3. 5   223. 8
 20     0. 8  336. 7      87     3. 5   215. 6     154     3. 4   226. 9
 21     0. 8  333. 7      88     3. 5   211. 5     155     3. 4   228 9
 22     0. 8  330. 4      89     3. 0   205. 0     156     3. 3   227. 4
 23     0. 8  328. 5      90     2. 3   200. 7     157     3. 3   223. 9
 24     0. 8  328. 0      91     2. 2   204. 7     158     3. 0   218. 5
 25     0. 8  329. 4      92     2. 2   206. 4     159     2. 9   214. 2
 26     0. 8  334. 1      93     2. 1   210. 7     160     2. 7   212 5
 27     0. 8  339. 3      94     1. 9   219. 1     161     2. 6   213. 9
 28     0. 8  339. 3      95     1. 7   229. 7     162     2. 6   216 1
 29     0. 8  339. 3      96     1. 4   242. 8     163     2. 7   218. 5
 30     0. 8  339. 3      97     1. 4   246. 6     164     2. 9   219. 9
 31     0. 8  339. 3      98     1. 4   243. 1     165     3. 2   220. 2
 32     0. 8  339. 3      99     1. 5   237. 9     166     3. 3   217. 9
 33     0. 8  324. 5     100     1. 8   235. 1     167     3. 4   211. 8
 34     0. 8  303. 3     101     2. 7   237. 8     168     3. 5   206. 1
 35     0. 9  280. 8     102     3. 6   235. 7     169     3. 7   204. 5
 36     1. 1  263. 4     103     4. 1   232. 9     170     4. 0   202. 9
 37     1. 2  256. 4     104     4. 4   229. 3     171     4. 1   200. 2
 38     1. 2  258. 4     105     4. 3   226. 2     172     4. 2   199. 8
 39     1. 1  264. 6     106     4. 1   225. 0     173     4. 2   200. 0
 40     1. 0  279. 4     107     4. 0   223. 9     174     4. 4   200. 6
 41     1. 0  278. 6     108     4. 1   221. 7     175     4. 8   201. 9
 42     1. 1  268. 1     109     4. 2   218 1      176     5. 2   202 7
 43     1. 2  258. 3     110     4. 3   214. 7     177     5. 6   203. 5
 44     1. 2  257. 8     111     4. 2   212. 3     178     6. 0   202 9
 45     1. 1  263. 8     112     3. 8   211. 0     179     6. 2   199. 9
 46     1. 1  265. 3     113     3. 6   211. 7     180     6. 3   196 3
 47     1. 2  258. 8     114     3. 4   213. 6     181     6. 3   192. 1
 48     1. 3  250. 0     115     3. 4   217. 0     182     6. 2   190. 3
 49     1. 5  238. 9     116     3. 3   222. 0     183     6. 0   189. 9
 50     1. 7  229. 2     117     3. 1   224. 2     184     6. 0   189 7
 51     1. 9  219. 8     118     2. 6   220. 9     185     5. 9   189. 4
 52     2. 0  216. 2     119     2. 0   213. 7     186     5. 9   186. 0
 53     2. 0  216. 1     120     2. 0   213. 7     187     5. 9   182. 2
 54     1. 9  218. 3     121     2. 0   213. 7     188     6. 0   182. 7
 55     1. 8  223. 3     122     2. 0   213. 7     189     6. 1   182. 7
 56     1. 6  232. 1     123     2. 0   213. 7     190     6. 3   182. 9
 57     1. 5  241 0      124     2. 0   213 7      191     6. 6   183. 0
 58     1. 4  246. 8     125     2. 0   213. 7     192     7. 0   183. 3
 59     1. 4  246. 5     126     2. 0   216. 0     193     7. 2   183. 4
 60     1. 5  241. 3     127     1. 9   218. 0     194     7. 1   183. 3
 61     1. 5  238. 8     128     2. 2   222. 6     195     7. 0   183. 1
 62     1. 5  238. 4     129     2. 7   228. 4     196     6. 8   182. 9
 63     1. 5  238. 0     130     2. 8   233. 0     197     6. 6   186. 1
 64     1. 6  235. 1     131     2. 7   237 1      198     6. 4   190. 0
 65     1. 7  228. 8     132     2. 9   238. 3     199     6. 5   190. 1
 66     1. 8  222 2      133     3. 1   236. 6     200     6. 5   190. 1
```

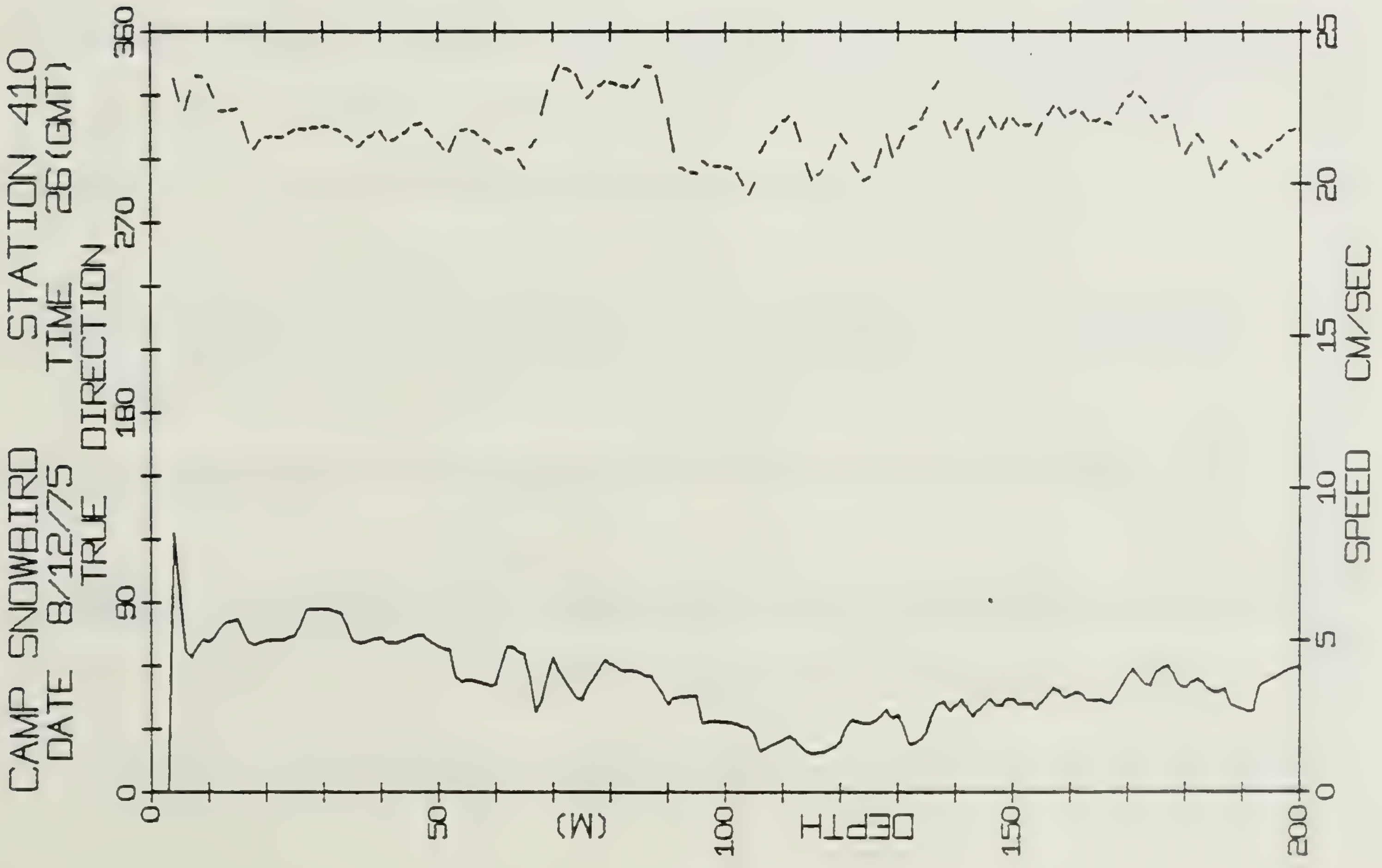

CAMP SNOWBIRD
STATION 409
DATE 7/12/75
TIME 543(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD
STATION 408
DATE 6/12/75
TIME 2242(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 408     (200M.)        6/DEC/75      2242 GMT
LAT= 73.8490N  LONG= 144.8110W  LTER=      1.  LGER=      1.
NIVEL=  -0.4   EIVEL=    3.0    NVER=      0.  EVER=      0.

 DPT   SPD    DRN        DPT   SPD    DRN        DPT   SPD    DRN
   0   0.0  999.9         67   1.6  259.9        134   2.9  206.4
   1   0.0  999.9         68   1.6  253.6        135   2.8  204.3
   2   0.0  999.9         69   1.6  245.8        136   2.7  202.8
   3   0.0  999.9         70   1.5  236.6        137   2.7  202.8
   4   1.2  118.8         71   1.4  233.2        138   2.7  203.2
   5   1.2  117.4         72   1.3  227.1        139   2.7  205.4
   6   1.2  105.4         73   1.3  223.4        140   2.6  206.8
   7   1.3  105.4         74   1.3  223.5        141   2.5  206.4
   8   1.3   98.9         75   1.4  226.4        142   2.5  205.0
   9   1.2   94.3         76   1.6  229.0        143   2.4  204.8
  10   1.0   87.4         77   1.8  230.4        144   2.5  205.7
  11   0.5   62.2         78   2.0  230.1        145   2.3  206.0
  12   0.5   20.3         79   2.3  226.0        146   2.2  208.2
  13   0.6  356.5         80   2.6  220.7        147   2.2  209.8
  14   0.8  342.0         81   2.7  217.1        148   2.2  209.9
  15   0.9  342.6         82   2.7  213.1        149   2.3  208.8
  16   1.0  344.6         83   2.6  207.7        150   2.5  207.9
  17   1.1  344.7         84   2.5  203.4        151   2.6  207.4
  18   1.1  344.6         85   2.4  201.3        152   2.7  208.2
  19   1.1  343.4         86   2.5  203.2        153   2.8  208.9
  20   1.1  338.6         87   2.5  205.0        154   2.8  204.9
  21   1.2  333.7         88   2.5  204.8        155   2.8  197.9
  22   1.4  327.1         89   2.6  205.4        156   3.0  191.9
  23   1.7  322.0         90   2.8  207.3        157   3.2  188.7
  24   2.0  324.3         91   2.8  210.2        158   3.3  188.1
  25   2.2  322.7         92   2.8  213.8        159   3.1  186.8
  26   2.3  321.2         93   2.8  214.8        160   2.8  184.4
  27   2.4  321.5         94   2.7  214.4        161   2.4  183.6
  28   2.5  322.6         95   2.5  214.0        162   2.0  189.2
  29   2.6  322.8         96   2.6  212.5        163   1.7  199.2
  30   2.6  322.9         97   2.7  213.7        164   1.5  203.8
  31   2.6  323.0         98   3.1  214.8        165   1.5  207.7
  32   2.5  322.7         99   3.5  213.0        166   1.6  212.2
  33   2.3  319.1        100   3.7  210.7        167   1.8  211.4
  34   2.0  314.2        101   3.9  207.0        168   1.8  207.9
  35   1.7  302.6        102   3.8  202.2        169   1.9  200.0
  36   1.6  286.5        103   3.8  195.3        170   2.0  192.5
  37   1.6  271.2        104   3.8  189.9        171   2.0  185.4
  38   1.7  259.3        105   3.6  187.3        172   2.1  184.2
  39   1.9  249.8        106   3.4  186.8        173   2.2  189.7
  40   2.0  245.3        107   3.0  188.0        174   2.4  199.5
  41   2.0  239.6        108   2.5  192.0        175   2.3  199.8
  42   1.9  235.7        109   2.1  197.7        176   2.0  187.2
  43   1.8  235.8        110   1.8  202.9        177   1.9  185.3
  44   1.6  237.8        111   1.6  207.7        178   1.6  189.7
  45   1.7  243.1        112   1.4  212.2        179   1.2  193.2
  46   1.7  247.5        113   1.3  211.9        180   1.0  219.0
  47   1.8  248.5        114   1.3  206.7        181   1.2  240.8
  48   1.8  249.1        115   1.3  204.4        182   1.4  241.2
  49   1.7  248.9        116   1.3  206.4        183   1.5  237.0
  50   1.5  248.0        117   1.4  213.6        184   1.5  235.5
  51   1.2  242.0        118   1.6  219.7        185   1.2  239.7
  52   1.0  234.4        119   1.7  228.2        186   1.2  242.1
  53   0.8  225.7        120   2.0  230.2        187   1.3  244.0
  54   0.7  230.8        121   2.2  226.9        188   1.4  246.7
  55   0.7  230.9        122   2.1  220.5        189   1.4  246.5
  56   0.7  230.6        123   2.0  218.0        190   1.3  243.9
  57   0.6  232.8        124   2.0  217.7        191   1.1  249.5
  58   0.6  237.4        125   2.1  219.0        192   1.2  253.2
  59   0.6  235.3        126   2.1  220.6        193   1.4  256.1
  60   0.6  234.3        127   2.3  222.4        194   1.6  258.7
  61   0.7  233.0        128   2.5  220.0        195   1.8  265.4
  62   0.9  233.7        129   2.6  221.4        196   1.9  274.1
  63   1.1  238.9        130   2.6  221.7        197   2.1  282.5
  64   1.3  245.5        131   2.7  217.5        198   2.1  284.5
  65   1.5  252.4        132   2.8  211.6        199   1.5  273.8
  66   1.6  257.3        133   3.0  208.6        200   1.0  272.2
```

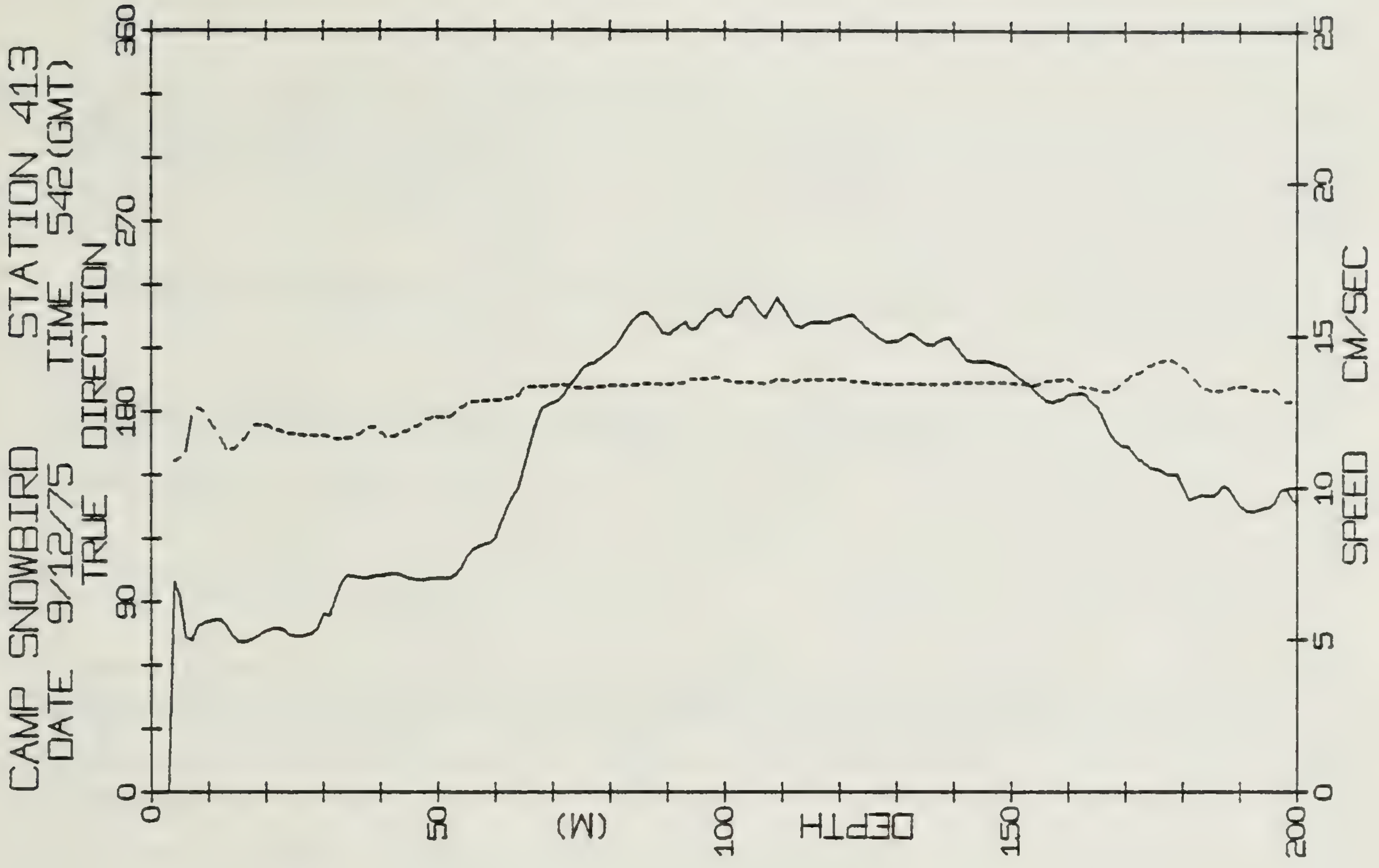
```
SNOWBIRD STATION 409     (200M.)        7/DEC/75       543 GMT
LAT= 73.8494N  LONG= 144.7782W  LTER=      0.  LGER=      0.
NIVEL=  -0.4   EIVEL=    7.1    NVER=      0.  EVER=      0.

 DPT   SPD    DRN        DPT   SPD    DRN        DPT   SPD    DRN
   0   0.0  999.9         67   4.0  107.2        134   3.7  129.3
   1   0.0  999.9         68   3.8  108.3        135   3.6  129.3
   2   0.0  999.9         69   3.7  108.7        136   3.7  130.0
   3   0.0  999.9         70   3.7  109.0        137   3.8  128.9
   4   4.7   89.1         71   3.7  108.9        138   3.9  127.7
   5   3.9   87.5         72   3.5  109.0        139   4.0  126.6
   6   3.1   96.7         73   3.4  108.3        140   4.3  125.9
   7   3.3  116.8         74   3.3  106.7        141   4.6  124.3
   8   3.5  114.8         75   3.4  104.6        142   4.7  122.9
   9   3.6  111.6         76   3.6  103.8        143   4.7  121.6
  10   3.7  113.4         77   3.7  104.7        144   4.8  120.8
  11   3.9  113.3         78   3.6  106.5        145   4.9  120.3
  12   3.8  109.6         79   3.8  106.0        146   5.1  119.8
  13   3.7  104.5         80   4.1  103.6        147   5.2  119.0
  14   3.7   99.1         81   4.4  101.9        148   5.1  118.2
  15   3.5   96.6         82   4.6  100.8        149   5.0  118.1
  16   3.2   97.4         83   4.8  100.8        150   4.7  118.1
  17   3.1   99.7         84   4.9  101.5        151   4.6  118.3
  18   3.0  102.1         85   4.9  102.4        152   4.7  118.9
  19   3.0  103.3         86   5.0  104.3        153   4.6  118.3
  20   3.1  104.5         87   5.0  106.0        154   4.4  114.5
  21   3.2  106.0         88   5.1  107.4        155   4.3  111.1
  22   3.3  109.1         89   5.0  108.3        156   4.5  110.1
  23   3.4  111.7         90   5.0  109.3        157   4.7  109.5
  24   3.5  113.9         91   5.0  110.6        158   4.5  108.8
  25   3.5  116.6         92   5.0  112.4        159   4.3  107.7
  26   3.4  119.6         93   5.1  114.6        160   3.9  107.1
  27   3.4  121.6         94   5.1  116.9        161   3.5  106.2
  28   3.3  123.6         95   5.1  118.7        162   3.1  107.3
  29   3.4  126.9         96   5.1  119.9        163   3.1  110.5
  30   3.4  130.7         97   5.0  121.0        164   3.5  113.4
  31   3.4  134.1         98   4.9  121.9        165   4.0  115.3
  32   3.3  137.7         99   4.8  123.1        166   4.3  116.3
  33   3.4  139.5        100   4.6  123.6        167   4.4  115.9
  34   3.4  137.1        101   4.4  123.3        168   4.2  116.2
  35   3.4  132.9        102   4.1  122.8        169   4.0  116.0
  36   3.1  125.0        103   3.8  124.8        170   3.7  115.7
  37   3.1  119.0        104   3.6  126.7        171   3.6  115.0
  38   3.2  110.9        105   3.5  128.1        172   3.5  114.8
  39   3.2  102.6        106   3.5  128.7        173   3.5  117.7
  40   3.2   97.5        107   3.5  128.4        174   3.6  120.0
  41   3.1   93.1        108   3.5  127.8        175   3.6  121.1
  42   3.2   93.6        109   3.5  128.1        176   3.7  121.6
  43   3.3   96.0        110   3.5  128.9        177   3.6  123.2
  44   3.4   98.0        111   3.5  129.2        178   3.6  123.6
  45   3.6   95.6        112   3.5  129.3        179   3.6  125.5
  46   3.7   94.0        113   3.6  131.4        180   3.8  129.0
  47   3.9   93.3        114   3.7  132.3        181   4.2  131.6
  48   4.0   94.8        115   3.7  130.8        182   4.5  131.1
  49   4.2   97.8        116   3.7  130.1        183   4.6  130.8
  50   4.3  100.5        117   3.7  130.7        184   4.6  130.9
  51   4.5  101.2        118   3.7  132.7        185   4.6  130.5
  52   4.3  100.1        119   3.6  134.2        186   4.8  128.9
  53   4.2   97.9        120   3.6  130.0        187   5.0  126.9
  54   4.1   95.9        121   3.6  126.0        188   5.1  126.1
  55   4.2   94.0        122   3.5  127.6        189   4.9  129.0
  56   4.2   91.4        123   3.4  130.6        190   4.6  132.1
  57   4.1   91.0        124   3.4  131.1        191   4.5  133.0
  58   4.1   90.1        125   3.5  128.7        192   4.4  133.2
  59   4.1   89.5        126   3.5  128.0        193   4.4  132.6
  60   4.2   90.1        127   3.5  131.9        194   4.6  131.6
  61   4.2   90.9        128   3.6  132.4        195   4.8  129.6
  62   4.0   90.5        129   3.6  130.8        196   5.0  127.8
  63   3.8   90.0        130   3.7  129.1        197   5.3  125.5
  64   3.8   93.6        131   3.7  128.3        198   5.5  123.1
  65   3.8   99.5        132   3.7  128.9        199   5.5  122.7
  66   4.0  104.7        133   3.8  129.3        200   5.5  122.7
```

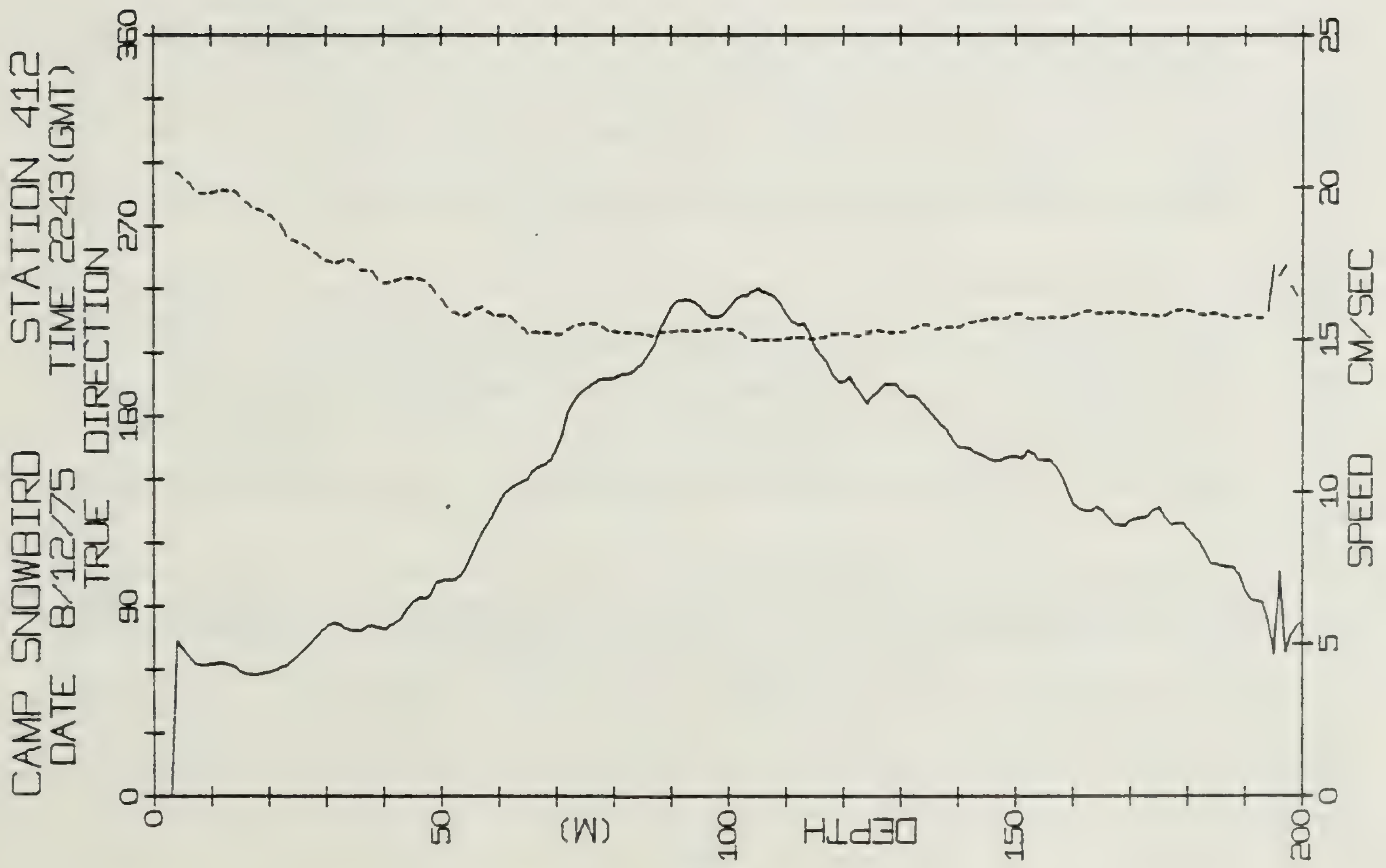

CAMP SNOWBIRD STATION 411
DATE 8/12/75 TIME 725(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 410
DATE 8/12/75 TIME 26(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 410.     (200M.)        8/DEC/75          26 GMT
LAT= 73.8939N  LONG= 144.6333W  LTER=      0.  LGER=       0.
NIVEL=  11.2   EIVEL=  -1.3     NVER=      0.  EVER=       0.

DPT    SPD   DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9      67    2.6   309.2      134    1.7   319.1
  1    0.0   999.9      68    3.0   321.3      135    2.0   324.2
  2    0.0   999.9      69    3.8   332.1      136    2.6   333.1
  3    0.0   999.9      70    4.4   337.4      137    2.9   336.3
  4    8.5   337.9      71    4.0   343.9      138    3.0   317.6
  5    6.6   327.5      72    3.7   342.7      139    2.7   310.0
  6    4.6   323.4      73    3.4   341.3      140    2.8   314.2
  7    4.4   332.4      74    3.1   339.7      141    3.0   318.7
  8    4.7   339.1      75    3.0   333.7      142    2.8   313.4
  9    5.0   338.7      76    3.5   329.3      143    2.5   303.9
 10    5.0   335.2      77    3.7   331.9      144    2.7   310.0
 11    5.1   328.9      78    4.0   334.5      145    2.9   315.1
 12    5.4   322.9      79    4.3   336.7      146    3.1   319.6
 13    5.6   322.7      80    4.2   335.8      147    2.9   314.9
 14    5.6   323.3      81    4.1   335.1      148    2.8   314.2
 15    5.7   323.9      82    4.0   334.2      149    3.1   319.2
 16    5.3   317.5      83    4.0   334.0      150    3.0   319.0
 17    4.9   308.0      84    4.0   334.2      151    2.9   315.5
 18    4.8   305.0      85    3.9   337.7      152    2.9   316.0
 19    4.9   308.7      86    3.8   343.7      153    2.9   316.3
 20    5.0   310.2      87    3.8   343.2      154    2.7   311.4
 21    5.0   310.2      88    3.5   339.0      155    2.9   316.9
 22    5.0   310.1      89    3.3   326.6      156    3.2   321.1
 23    5.0   310.4      90    2.9   319.1      157    3.4   324.8
 24    5.1   312.2      91    3.1   303.4      158    3.3   323.7
 25    5.2   313.8      92    3.2   295.9      159    3.1   320.0
 26    5.5   314.3      93    3.1   294.4      160    3.2   321.8
 27    6.0   314.0      94    3.2   293.6      161    3.3   323.3
 28    6.0   314.7      95    3.2   293.0      162    3.2   321.9
 29    6.0   315.0      96    2.3   298.8      163    3.0   318.3
 30    6.0   315.4      97    2.3   297.0      164    3.0   318.0
 31    6.0   315.0      98    2.3   296.5      165    3.1   319.1
 32    5.9   313.9      99    2.3   296.3      166    3.0   317.2
 33    5.9   312.8     100    2.3   296.0      167    2.9   315.8
 34    5.5   310.8     101    2.3   295.5      168    3.2   321.5
 35    5.0   308.8     102    2.2   293.3      169    3.5   326.1
 36    4.9   305.9     103    2.1   287.6      170    3.8   329.7
 37    5.0   308.1     104    2.1   283.1      171    4.0   331.9
 38    5.0   310.3     105    1.9   288.2      172    3.8   329.4
 39    5.1   312.4     106    1.4   303.1      173    3.5   326.6
 40    5.1   313.0     107    1.4   308.1      174    3.5   320.6
 41    4.9   308.8     108    1.6   312.2      175    3.9   317.1
 42    4.9   308.8     109    1.6   315.3      176    4.1   319.7
 43    5.0   310.3     110    1.7   318.0      177    4.2   320.7
 44    5.0   312.1     111    1.8   320.1      178    3.9   316.1
 45    5.1   314.2     112    1.7   317.2      179    3.5   306.2
 46    5.2   316.2     113    1.5   308.6      180    3.4   302.7
 47    5.2   317.0     114    1.3   297.9      181    3.6   307.2
 48    5.0   313.9     115    1.3   289.9      182    3.7   311.3
 49    4.9   310.6     116    1.3   292.5      183    3.6   308.1
 50    4.8   307.7     117    1.3   294.9      184    3.4   300.4
 51    4.7   304.5     118    1.4   300.1      185    3.3   291.7
 52    4.6   303.6     119    1.5   306.2      186    3.3   294.9
 53    3.8   310.2     120    1.7   311.2      187    3.4   298.6
 54    3.6   313.4     121    2.1   307.4      188    2.9   308.2
 55    3.7   314.4     122    2.4   298.4      189    2.8   305.5
 56    3.7   313.0     123    2.3   294.3      190    2.7   302.5
 57    3.6   311.2     124    2.3   290.0      191    2.6   299.4
 58    3.6   309.2     125    2.3   291.7      192    2.7   302.1
 59    3.5   307.1     126    2.3   296.2      193    3.5   300.5
 60    3.6   304.3     127    2.5   304.3      194    3.6   303.6
 61    4.2   302.6     128    2.7   311.2      195    3.7   306.2
 62    4.8   304.7     129    2.4   301.0      196    3.8   308.7
 63    4.7   304.8     130    2.5   305.0      197    3.9   311.1
 64    4.6   299.7     131    2.2   311.0      198    4.0   313.3
 65    4.5   295.7     132    1.6   314.2      199    4.1   314.1
 66    3.8   305.6     133    1.6   315.5      200    4.1   314.6
```

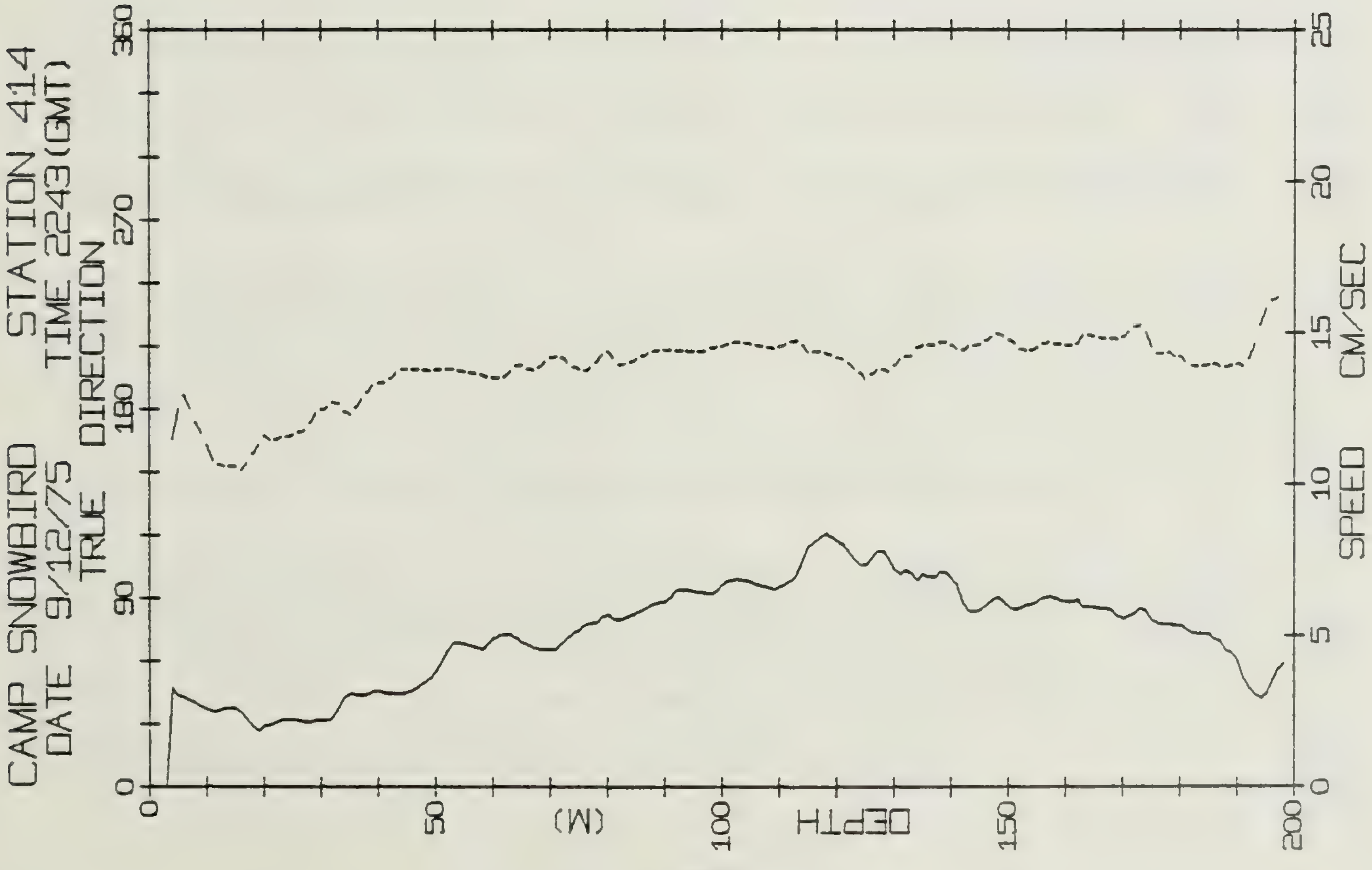
```
SNOWBIRD STATION 411      (200M.)        8/DEC/75         725 GMT
LAT= 73.9197N  LONG= 144.6331W  LTER=      1.  LGER=       1.
NIVEL=  12.1   EIVEL=  -5.4     NVER=      0.  EVER=       0.

DPT    SPD   DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9      67    3.4     1.4      134    2.5    18.9
  1    0.0   999.9      68    3.3     2.5      135    2.3    24.6
  2    0.0   999.9      69    3.3     2.5      136    2.1    31.3
  3    0.0   999.9      70    3.5     0.8      137    2.3    25.0
  4    8.7     5.6      71    3.6   358.9      138    2.5    19.3
  5    8.1     4.2      72    3.6   359.7      139    2.6    14.5
  6    7.8     3.0      73    3.4     1.4      140    2.8    10.4
  7    7.6     2.1      74    3.2     3.8      141    3.5    14.8
  8    7.5     3.1      75    3.1    10.3      142    4.2    20.9
  9    7.2     6.2      76    3.8    24.4      143    4.0    26.0
 10    6.9     9.2      77    3.8    29.7      144    3.8    32.8
 11    6.6    12.4      78    3.7    30.4      145    3.7    37.8
 12    5.9    12.9      79    3.9    25.0      146    3.7    42.1
 13    5.7    11.2      80    3.8    24.7      147    3.7    45.0
 14    5.7    11.1      81    3.6    32.8      148    3.7    44.5
 15    5.8    10.9      82    3.7    26.7      149    3.7    41.6
 16    5.7    12.3      83    4.0    18.9      150    3.7    38.6
 17    5.6    14.3      84    4.3    11.9      151    3.7    35.9
 18    5.5    16.3      85    4.1    14.7      152    3.8    32.9
 19    5.5    15.5      86    3.8    21.2      153    3.8    30.1
 20    5.6    14.7      87    3.5    28.6      154    3.9    28.9
 21    5.6    14.0      88    3.3    37.2      155    3.7    32.8
 22    5.5    15.3      89    3.3    39.6      156    3.7    34.1
 23    5.7    13.6      90    3.2    39.5      157    3.8    30.7
 24    5.8    11.0      91    2.0    29.7      158    3.9    27.4
 25    6.0     8.7      92    2.0    32.8      159    4.0    24.4
 26    6.2     6.5      93    1.9    36.8      160    4.1    21.4
 27    6.1     6.8      94    1.9    41.1      161    4.1    19.7
 28    6.1     7.0      95    1.8    45.6      162    4.0    22.6
 29    6.0     8.1      96    1.8    43.8      163    4.1    21.2
 30    5.9     9.7      97    1.9    40.2      164    4.2    18.6
 31    5.8    11.2      98    2.4    40.8      165    4.3    16.1
 32    5.8    10.8      99    3.7    37.5      166    4.4    14.9
 33    5.8     9.8     100    3.6    30.6      167    4.2    17.6
 34    5.9     8.7     101    3.8    25.9      168    4.1    21.0
 35    5.3   358.7     102    3.7    28.3      169    3.9    25.3
 36    5.3   351.6     103    3.3    32.6      170    3.8    29.8
 37    5.6   350.0     104    2.2    30.4      171    3.9    26.9
 38    5.7   349.2     105    2.0    39.7      172    4.0    22.8
 39    5.5   349.6     106    2.1    34.5      173    4.0    22.4
 40    5.3   350.0     107    2.2    29.2      174    4.0    24.4
 41    5.1   350.7     108    2.2    30.1      175    3.9    26.5
 42    4.9   351.5     109    2.1    35.3      176    3.8    29.2
 43    4.6   352.2     110    2.0    40.6      177    3.7    32.2
 44    4.9     2.9     111    2.0    40.6      178    3.7    35.5
 45    5.0     6.9     112    2.0    37.6      179    4.0    39.9
 46    5.1     6.3     113    2.1    34.5      180    4.7    34.5
 47    5.1     5.6     114    2.1    31.6      181    4.9    26.8
 48    5.1     5.1     115    2.2    29.0      182    5.2    19.7
 49    5.1     5.4     116    2.4    21.8      183    5.2    20.1
 50    4.7    10.3     117    2.8    10.1      184    5.1    22.5
 51    4.6    11.0     118    2.6    14.5      185    4.3    20.5
 52    4.6    11.7     119    2.5    19.1      186    4.1    20.3
 53    3.7    10.6     120    2.3    23.8      187    4.2    18.2
 54    3.0     9.8     121    2.3    24.4      188    3.8    25.6
 55    2.8    13.4     122    2.3    24.8      189    4.0    21.8
 56    2.8    10.7     123    2.3    25.2      190    4.2    16.4
 57    2.9     8.2     124    2.2    27.4      191    4.4    11.7
 58    3.0     5.8     125    2.2    30.6      192    4.4    11.6
 59    3.1     3.9     126    2.1    34.0      193    4.2    14.6
 60    3.1     3.1     127    2.0    37.9      194    4.1    17.5
 61    3.0     4.1     128    2.0    38.9      195    4.0    20.5
 62    3.0     5.4     129    2.1    35.3      196    3.9    21.8
 63    3.2     2.8     130    2.2    30.4      197    4.0    19.7
 64    3.6   358.6     131    2.3    23.2      198    4.1    17.6
 65    3.9   356.3     132    2.5    17.0      199    4.0    18.7
 66    3.6   358.6     133    2.7    13.9      200    4.0    20.4
```

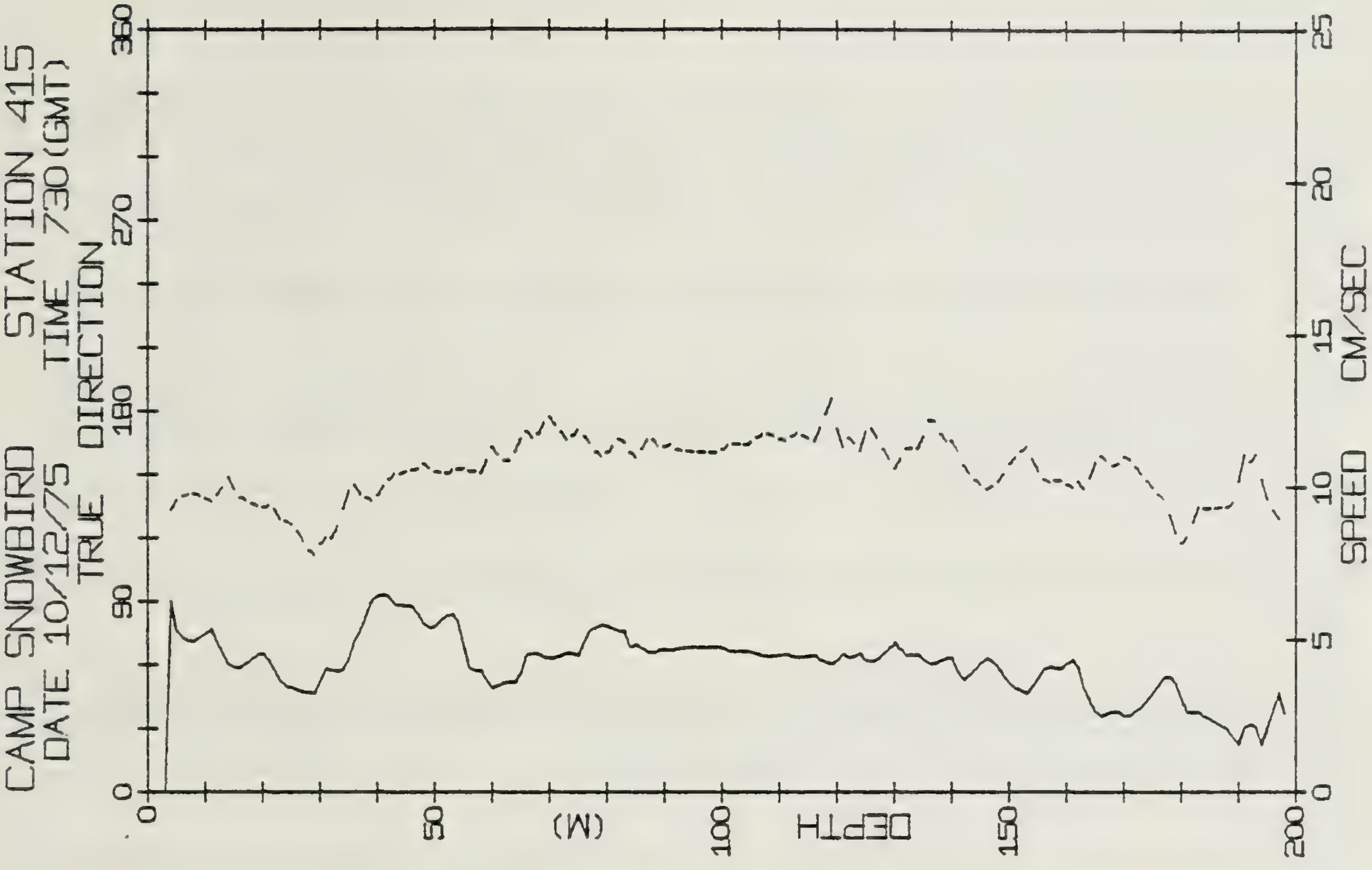

CAMP SNOWBIRD STATION 413
DATE 9/12/75 TIME 542(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 412
DATE 8/12/75 TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 412     (200M.)      8/DEC/75     2243 GMT
LAT= 73.9468N  LONG= 144.8217W  LTER=     0.  LGER=     0.
NIVEL=  -0.4   EIVEL=  -7.5     NVER=     0.  EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67  10.8  219.2     134  12.8  223.3
  1   0.0  999.9      68  10.9  219.4     135  12.6  222.4
  2   0.0  999.9      69  11.1  219.2     136  12.4  220.9
  3   0.0  999.9      70  11.4  218.4     137  12.2  221.5
  4   5.1  294.8      71  11.9  218.9     138  12.0  222.1
  5   4.9  292.8      72  12.6  220.9     139  11.7  221.7
  6   4.6  290.3      73  13.0  222.4     140  11.5  221.8
  7   4.4  287.1      74  13.3  223.3     141  11.5  223.1
  8   4.3  285.4      75  13.4  223.9     142  11.4  224.1
  9   4.3  284.9      76  13.5  223.6     143  11.3  224.8
 10   4.4  285.5      77  13.7  223.1     144  11.2  225.3
 11   4.4  286.3      78  13.7  221.8     145  11.1  225.7
 12   4.4  286.6      79  13.7  220.0     146  11.0  226.1
 13   4.3  286.3      80  13.8  219.5     147  11.0  226.1
 14   4.3  286.0      81  13.9  219.2     148  11.1  226.0
 15   4.1  283.8      82  13.9  219.1     149  11.2  227.1
 16   4.0  281.0      83  13.9  219.0     150  11.2  227.9
 17   4.0  278.7      84  14.1  218.7     151  11.1  228.5
 18   4.0  277.6      85  14.2  218.4     152  11.4  226.2
 19   4.1  276.6      86  14.5  217.9     153  11.3  225.2
 20   4.1  274.9      87  14.8  217.3     154  11.1  226.1
 21   4.2  273.0      88  15.4  219.4     155  11.0  226.3
 22   4.3  270.9      89  15.7  219.8     156  11.0  226.6
 23   4.3  265.3      90  16.1  219.9     157  10.8  226.0
 24   4.5  263.1      91  16.3  220.4     158  10.5  226.3
 25   4.6  261.8      92  16.3  220.2     159  10.1  227.1
 26   4.8  260.8      93  16.3  220.1     160   9.6  227.5
 27   5.0  258.9      94  16.2  220.1     161   9.5  228.5
 28   5.2  256.9      95  16.1  220.3     162   9.4  229.3
 29   5.4  254.9      96  15.9  220.7     163   9.4  229.4
 30   5.6  253.4      97  15.7  221.1     164   9.5  228.3
 31   5.7  252.5      98  15.7  221.2     165   9.4  228.4
 32   5.7  252.8      99  15.8  221.1     166   9.2  229.1
 33   5.6  253.7     100  16.0  220.7     167   8.9  228.9
 34   5.5  254.0     101  16.3  220.3     168   8.9  229.1
 35   5.5  252.2     102  16.4  219.3     169   8.9  229.0
 36   5.5  249.1     103  16.5  217.2     170   9.1  228.3
 37   5.6  248.7     104  16.6  215.9     171   9.2  227.5
 38   5.6  248.3     105  16.7  215.7     172   9.2  227.4
 39   5.6  244.5     106  16.6  215.9     173   9.2  228.0
 40   5.5  242.9     107  16.5  215.8     174   9.4  227.2
 41   5.6  243.3     108  16.4  215.8     175   9.5  226.5
 42   5.7  244.2     109  16.2  216.1     176   9.2  227.5
 43   5.9  245.3     110  15.8  216.7     177   8.9  229.1
 44   6.2  245.2     111  15.6  217.1     178   9.0  229.7
 45   6.4  244.9     112  15.5  217.3     179   9.0  230.4
 46   6.5  244.8     113  15.6  217.2     180   8.8  229.6
 47   6.5  244.0     114  15.2  216.2     181   8.5  228.8
 48   6.6  241.9     115  14.8  216.5     182   8.3  227.8
 49   7.0  238.2     116  14.5  217.0     183   8.0  227.6
 50   7.1  234.9     117  14.3  217.5     184   7.6  228.3
 51   7.1  231.6     118  13.9  218.5     185   7.6  228.2
 52   7.1  229.1     119  13.6  219.2     186   7.6  227.2
 53   7.3  227.6     120  13.6  219.3     187   7.5  226.3
 54   7.5  227.2     121  13.8  218.9     188   7.5  226.2
 55   7.9  228.9     122  13.5  217.6     189   7.2  225.9
 56   8.3  230.7     123  13.2  218.2     190   6.7  227.2
 57   8.7  231.7     124  12.9  219.0     191   6.5  227.3
 58   9.0  229.2     125  13.2  220.6     192   6.4  226.1
 59   9.3  227.4     126  13.3  220.2     193   6.4  226.3
 60   9.7  227.3     127  13.5  219.5     194   5.7  229.6
 61  10.0  227.8     128  13.6  219.2     195   4.6  250.9
 62  10.1  226.8     129  13.5  219.1     196   7.4  246.6
 63  10.3  224.4     130  13.3  219.6     197   4.7  250.6
 64  10.4  221.7     131  13.2  220.1     198   5.3  241.2
 65  10.5  219.4     132  13.1  221.5     199   5.6  236.9
 66  10.7  219.6     133  13.1  222.6     200   5.8  233.9
```

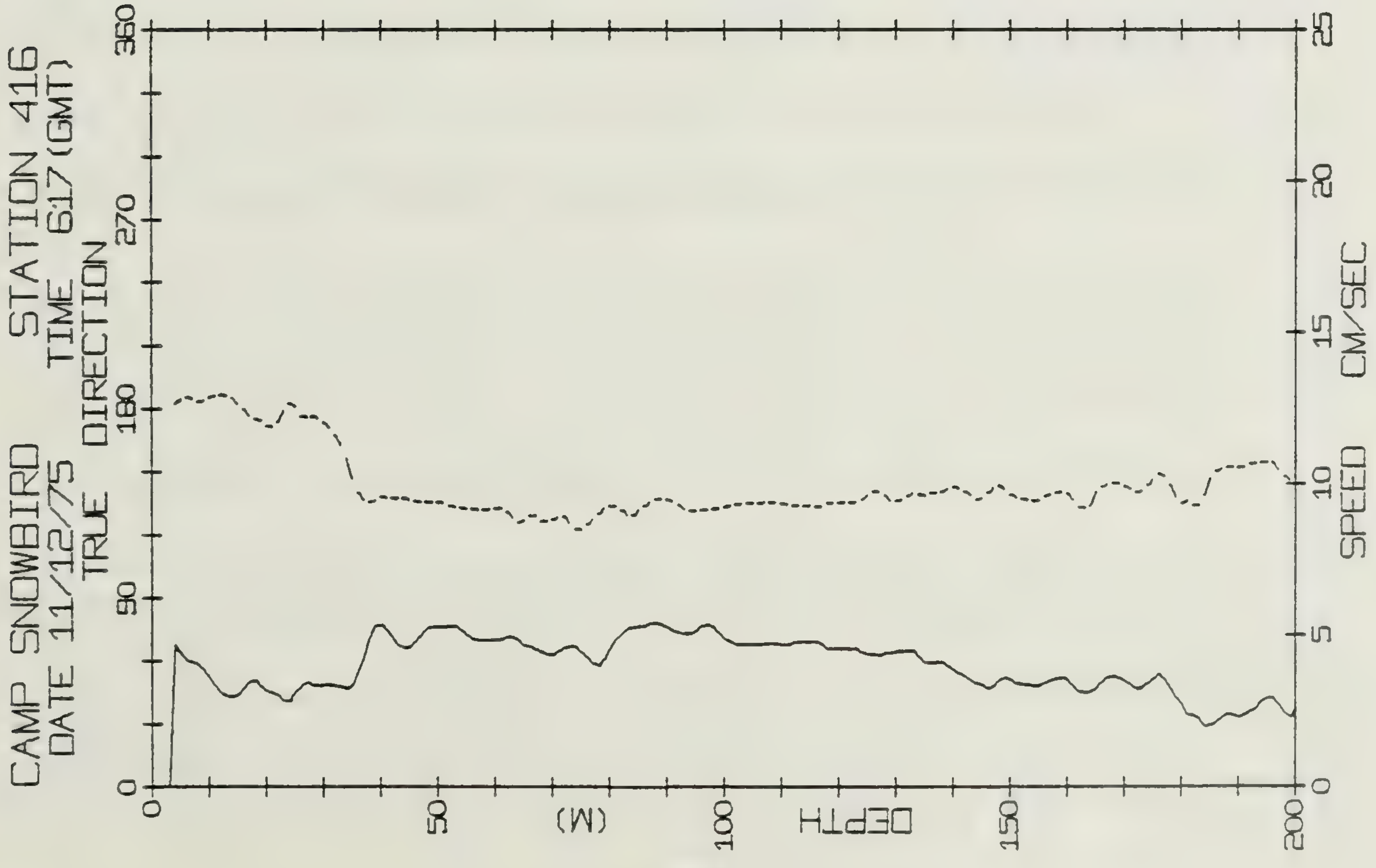
```
SNOWBIRD STATION 413     (200M.)      9/DEC/75      542 GMT
LAT= 73.9411N  LONG= 144.8460W  LTER=     1.  LGER=     2
NIVEL=  -8.9   EIVEL=   1.1     NVER=     0.  EVER=     0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67  12.1  191.9     134  14.9  193.1
  1   0.0  999.9      68  12.6  191.9     135  14.7  192.9
  2   0.0  999.9      69  12.8  192.4     136  14.7  192.8
  3   0.0  999.9      70  12.8  192.7     137  14.8  193.1
  4   6.9  157.0      71  12.9  192.9     138  14.9  193.3
  5   6.4  158.4      72  13.1  192.8     139  15.0  193.4
  6   5.1  161.3      73  13.4  191.7     140  14.7  194.0
  7   5.0  177.1      74  13.6  191.4     141  14.5  194.0
  8   5.4  181.6      75  13.9  191.2     142  14.2  194.1
  9   5.6  180.0      76  14.1  191.4     143  14.1  194.0
 10   5.6  175.7      77  14.1  191.6     144  14.2  194.1
 11   5.7  172.2      78  14.2  192.0     145  14.2  194.1
 12   5.7  167.5      79  14.4  192.3     146  14.1  194.1
 13   5.5  162.7      80  14.5  192.5     147  14.1  194.0
 14   5.2  161.9      81  14.7  192.5     148  14.0  193.9
 15   5.0  164.0      82  15.0  192.3     149  14.0  193.8
 16   4.9  166.7      83  15.3  192.7     150  13.8  193.4
 17   5.0  170.2      84  15.5  193.1     151  13.6  193.0
 18   5.1  173.6      85  15.7  193.3     152  13.5  192.7
 19   5.2  173.7      86  15.8  193.5     153  13.4  192.4
 20   5.3  173.2      87  15.6  193.2     154  13.2  192.7
 21   5.4  172.2      88  15.4  193.0     155  13.0  193.8
 22   5.4  171.2      89  15.1  193.1     156  12.9  194.7
 23   5.3  170.2      90  15.0  193.4     157  12.8  195.3
 24   5.2  169.5      91  15.2  193.6     158  12.9  195.2
 25   5.1  169.2      92  15.3  193.8     159  13.0  195.8
 26   5.1  169.0      93  15.5  194.0     160  13.1  195.8
 27   5.2  168.8      94  15.2  195.6     161  13.1  193.6
 28   5.2  168.8      95  15.3  195.3     162  13.1  191.9
 29   5.4  168.4      96  15.5  195.7     163  13.0  191.2
 30   5.9  169.0      97  15.7  196.0     164  12.8  191.1
 31   5.8  167.9      98  15.8  196.2     165  12.7  190.3
 32   6.3  167.1      99  15.9  196.2     166  12.3  189.5
 33   6.8  167.1     100  15.6  194.8     167  11.9  189.5
 34   7.1  167.8     101  15.6  194.1     168  11.6  190.8
 35   7.1  167.9     102  16.0  193.9     169  11.4  192.9
 36   7.1  169.2     103  16.2  194.1     170  11.4  195.0
 37   7.1  171.0     104  16.3  194.2     171  11.2  197.6
 38   7.1  172.5     105  16.1  193.8     172  11.0  198.6
 39   7.1  172.9     106  15.8  193.5     173  10.9  199.9
 40   7.1  170.0     107  15.6  193.2     174  10.7  201.7
 41   7.2  168.1     108  15.9  194.4     175  10.6  203.2
 42   7.2  168.3     109  16.2  195.4     176  10.6  204.1
 43   7.2  169.3     110  16.0  195.0     177  10.4  204.8
 44   7.1  170.5     111  15.7  194.5     178  10.4  204.5
 45   7.0  171.6     112  15.4  194.0     179  10.4  203.0
 46   7.0  172.9     113  15.3  195.2     180  10.0  201.1
 47   7.0  174.3     114  15.4  195.2     181   9.6  198.8
 48   7.0  176.5     115  15.5  195.3     182   9.7  195.4
 49   7.1  177.6     116  15.4  195.3     183   9.8  192.6
 50   7.0  177.3     117  15.4  195.3     184   9.7  191.0
 51   7.0  177.1     118  15.4  195.4     185   9.8  189.9
 52   7.1  177.7     119  15.5  195.6     186   9.9  190.0
 53   7.2  179.5     120  15.6  195.7     187  10.1  190.5
 54   7.4  181.8     121  15.7  195.0     188  10.0  191.4
 55   7.8  184.1     122  15.7  194.4     189   9.7  192.3
 56   8.0  184.9     123  15.5  194.1     190   9.4  192.4
 57   8.1  185.2     124  15.4  193.9     191   9.3  192.2
 58   8.2  185.4     125  15.2  193.6     192   9.2  190.9
 59   8.2  185.6     126  15.0  193.3     193   9.3  190.2
 60   8.4  185.8     127  14.9  193.1     194   9.4  190.0
 61   8.9  186.0     128  14.8  192.9     195   9.4  190.3
 62   9.4  186.5     129  14.8  192.9     196   9.5  190.7
 63   9.7  187.3     130  14.8  193.0     197   9.9  188.4
 64  10.0  188.1     131  15.0  193.1     198  10.0  185.1
 65  10.7  191.5     132  15.1  193.4     199   9.7  185.2
 66  11.4  192.0     133  15.0  193.3     200   9.4  184.8
```

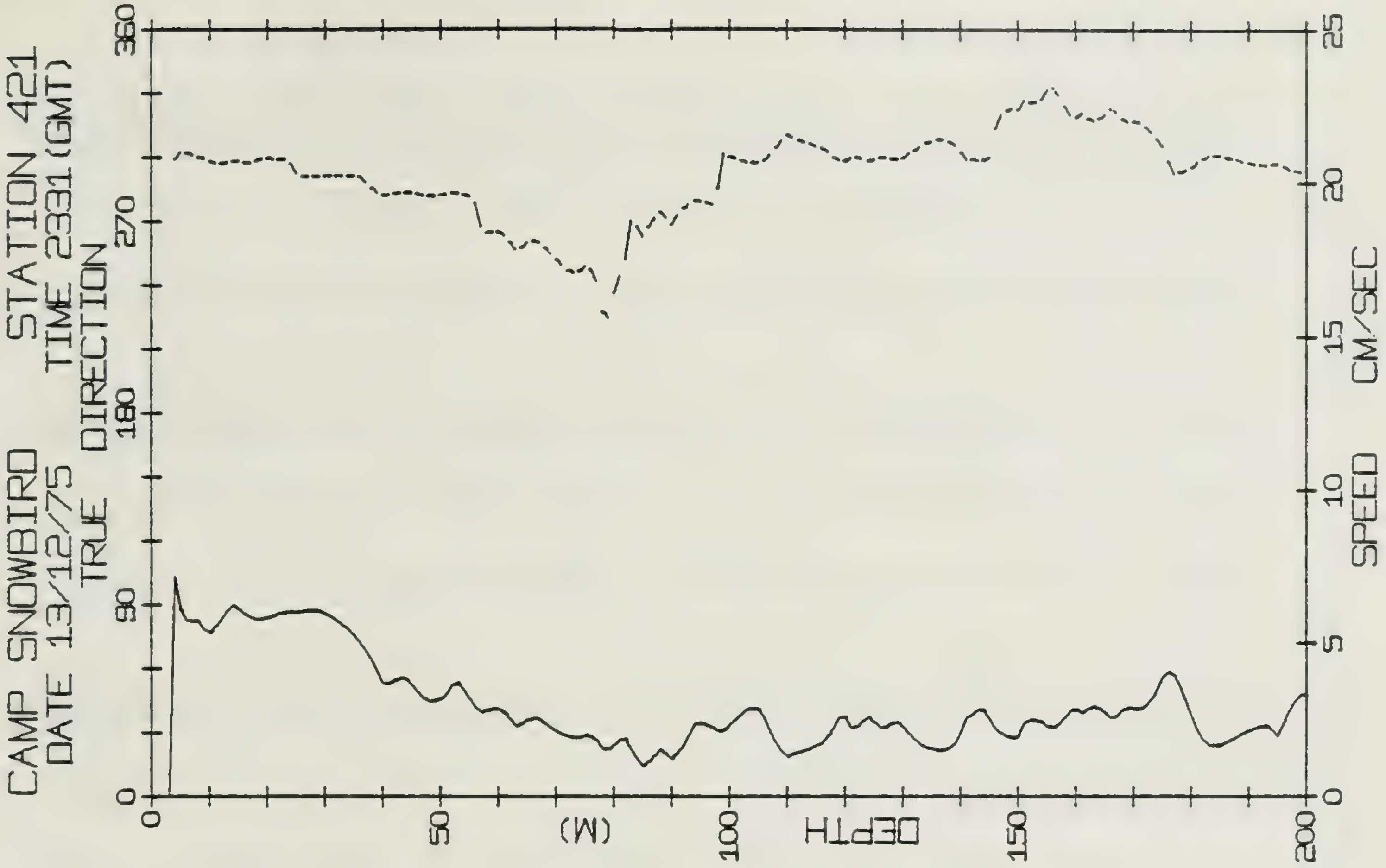

CAMP SNOWBIRD
STATION 414
DATE 9/12/75
TIME 2243(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 415
DATE 10/12/75
TIME 730(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 414     (198M.)        9/DEC/75       2243 GMT
LAT= 73.9111N  LONG= 144.8121W  LTER=      1.   LGER=      1.
NIVEL=   -4.4   EIVEL=    4.4    NVER=      0.   EVER=      0.

DPT     SPD    DRN        DPT     SPD    DRN        DPT     SPD    DRN
  0     0.0   999.9        67     4.6   198.2       134     6.8   209.2
  1     0.0   999.9        68     4.5   199.8       135     7.0   210.6
  2     0.0   999.9        69     4.5   202.3       136     7.0   210.4
  3     0.0   999.9        70     4.5   204.6       137     6.9   210.5
  4     3.3   165.8        71     4.6   205.0       138     7.1   211.7
  5     3.0   179.3        72     4.7   204.4       139     7.1   211.7
  6     2.9   186.5        73     4.9   202.1       140     6.9   210.3
  7     2.8   180.6        74     5.1   200.1       141     6.7   208.4
  8     2.8   173.4        75     5.2   198.7       142     6.1   207.9
  9     2.6   169.0        76     5.4   198.0       143     5.8   209.9
 10     2.6   162.8        77     5.4   199.6       144     5.8   210.4
 11     2.5   155.9        78     5.4   201.9       145     5.9   211.0
 12     2.5   153.6        79     5.6   205.6       146     6.0   212.7
 13     2.6   152.5        80     5.7   207.0       147     6.2   214.5
 14     2.6   152.6        81     5.6   204.2       148     6.3   215.9
 15     2.6   152.3        82     5.5   201.2       149     6.1   214.7
 16     2.4   151.0        83     5.6   201.4       150     6.0   212.8
 17     2.2   154.5        84     5.7   202.4       151     5.9   211.2
 18     2.0   158.9        85     5.8   203.7       152     5.9   208.7
 19     1.9   162.8        86     5.9   205.0       153     6.0   207.6
 20     2.0   167.1        87     6.0   206.3       154     6.0   208.1
 21     2.1   165.5        88     6.1   207.5       155     6.1   209.4
 22     2.2   165.5        89     6.1   208.2       156     6.3   211.1
 23     2.2   166.9        90     6.1   208.2       157     6.3   211.8
 24     2.2   167.0        91     6.3   208.2       158     6.2   211.2
 25     2.2   167.9        92     6.5   207.6       159     6.2   210.5
 26     2.2   168.9        93     6.5   207.6       160     6.1   210.1
 27     2.1   169.8        94     6.5   207.3       161     6.1   210.3
 28     2.2   173.2        95     6.5   207.0       162     6.2   211.4
 29     2.2   177.5        96     6.4   206.9       163     6.0   215.0
 30     2.2   179.6        97     6.4   208.0       164     6.0   214.9
 31     2.2   181.2        98     6.4   209.1       165     5.9   214.3
 32     2.3   183.1        99     6.5   209.7       166     5.9   213.7
 33     2.6   182.6       100     6.7   210.2       167     5.9   213.4
 34     3.0   178.7       101     6.8   211.1       168     5.8   213.6
 35     3.1   177.4       102     6.9   211.7       169     5.6   213.2
 36     3.1   180.8       103     6.9   211.6       170     5.6   214.2
 37     3.0   184.2       104     6.8   211.3       171     5.7   216.6
 38     3.1   187.8       105     6.7   210.7       172     5.8   218.9
 39     3.2   191.6       106     6.7   210.0       173     5.9   220.0
 40     3.2   192.3       107     6.6   209.5       174     5.8   216.5
 41     3.1   192.4       108     6.6   209.0       175     5.5   209.8
 42     3.1   194.3       109     6.5   208.6       176     5.4   206.4
 43     3.1   196.9       110     6.6   209.7       177     5.4   206.5
 44     3.1   198.6       111     6.7   210.8       178     5.4   206.7
 45     3.1   198.7       112     6.8   211.8       179     5.3   204.9
 46     3.2   198.7       113     7.0   212.5       180     5.3   204.7
 47     3.4   198.6       114     7.5   210.4       181     5.2   202.3
 48     3.5   198.4       115     7.9   206.9       182     5.1   200.4
 49     3.6   198.2       116     8.1   207.2       183     5.0   200.0
 50     3.8   198.8       117     8.2   206.8       184     5.0   200.4
 51     4.1   199.0       118     8.4   205.9       185     5.1   201.0
 52     4.5   199.1       119     8.3   205.1       186     4.9   201.4
 53     4.8   198.7       120     8.1   204.0       187     4.8   199.7
 54     4.8   198.0       121     8.0   203.1       188     4.5   199.9
 55     4.7   197.6       122     7.8   201.3       189     4.4   200.9
 56     4.7   197.1       123     7.6   199.2       190     4.2   201.3
 57     4.6   196.5       124     7.4   197.2       191     3.6   200.1
 58     4.5   195.9       125     7.3   194.2       192     3.3   203.8
 59     4.7   195.2       126     7.5   196.3       193     3.1   210.5
 60     4.9   194.9       127     7.8   198.5       194     2.9   220.2
 61     5.0   194.8       128     7.8   198.8       195     3.0   227.5
 62     5.1   195.6       129     7.6   197.3       196     3.5   231.8
 63     5.0   197.8       130     7.2   200.4       197     3.9   232.8
 64     4.9   200.4       131     7.0   203.5       198     4.1   236.3
 65     4.8   200.6       132     7.2   204.8
 66     4.7   199.1       133     7.1   205.5
```

```
SNOWBIRD STATION 415     (198M.)       10/DEC/75        730 GMT
LAT= 73.8951N  LONG= 144.7403W  LTER=      0.   LGER=      0.
NIVEL=   -5.1   EIVEL=    9.1    NVER=      0.   EVER=      0.

DPT     SPD    DRN        DPT     SPD    DRN        DPT     SPD    DRN
  0     0.0   999.9        67     4.6   167.4       134     4.5   162.4
  1     0.0   999.9        68     4.5   168.9       135     4.4   167.9
  2     0.0   999.9        69     4.4   174.1       136     4.2   175.4
  3     0.0   999.9        70     4.4   177.1       137     4.2   175.0
  4     6.3   133.4        71     4.4   173.6       138     4.3   169.3
  5     5.3   137.9        72     4.5   170.1       139     4.4   166.1
  6     5.1   139.8        73     4.6   166.5       140     4.4   165.6
  7     4.9   140.9        74     4.5   168.3       141     4.0   161.6
  8     5.0   140.7        75     4.5   171.3       142     3.7   154.5
  9     5.1   139.6        76     4.9   168.0       143     3.8   151.0
 10     5.2   138.4        77     5.3   164.8       144     4.0   147.7
 11     5.4   137.2        78     5.4   160.9       145     4.2   145.1
 12     4.9   140.5        79     5.5   158.7       146     4.4   143.3
 13     4.6   144.1        80     5.4   160.4       147     4.3   144.6
 14     4.2   148.5        81     5.4   163.3       148     4.1   146.7
 15     4.1   143.0        82     5.3   166.4       149     3.8   150.6
 16     4.1   139.1        83     5.3   165.2       150     3.6   155.2
 17     4.2   137.6        84     4.8   160.5       151     3.4   158.4
 18     4.4   136.2        85     4.9   158.1       152     3.3   161.1
 19     4.5   134.9        86     4.7   162.1       153     3.2   163.7
 20     4.5   134.4        87     4.6   166.2       154     3.5   157.6
 21     4.3   135.4        88     4.6   166.3       155     3.7   152.2
 22     4.0   133.4        89     4.7   163.3       156     4.0   147.5
 23     3.7   128.6        90     4.7   163.4       157     4.1   146.5
 24     3.5   127.7        91     4.6   164.5       158     4.1   147.3
 25     3.4   126.2        92     4.7   162.0       159     4.1   147.0
 26     3.3   123.2        93     4.8   161.0       160     4.2   145.3
 27     3.3   118.5        94     4.8   160.8       161     4.3   143.8
 28     3.3   114.1        95     4.8   160.7       162     4.1   146.5
 29     3.2   111.8        96     4.8   160.6       163     3.4   143.3
 30     3.6   117.2        97     4.8   160.5       164     3.0   148.4
 31     4.0   120.0        98     4.8   160.3       165     2.6   155.4
 32     4.0   120.0        99     4.8   160.1       166     2.5   158.9
 33     4.0   125.7       100     4.7   161.8       167     2.6   156.7
 34     4.0   133.8       101     4.6   164.0       168     2.6   154.5
 35     4.4   142.1       102     4.6   164.7       169     2.6   155.5
 36     5.0   144.8       103     4.6   164.3       170     2.5   158.3
 37     5.3   140.9       104     4.6   163.8       171     2.5   157.1
 38     5.8   138.9       105     4.6   165.6       172     2.7   153.8
 39     6.3   137.4       106     4.5   167.3       173     2.8   150.6
 40     6.4   139.9       107     4.5   169.3       174     3.0   147.1
 41     6.5   144.3       108     4.5   169.2       175     3.3   143.8
 42     6.4   147.5       109     4.5   168.1       176     3.5   140.8
 43     6.2   150.2       110     4.5   166.9       177     3.8   138.4
 44     6.1   150.6       111     4.5   165.7       178     3.8   131.1
 45     6.1   151.5       112     4.5   168.0       179     3.6   122.9
 46     6.1   152.3       113     4.4   169.6       180     3.1   117.8
 47     5.9   153.0       114     4.4   168.3       181     2.6   120.7
 48     5.5   155.1       115     4.5   167.0       182     2.6   127.6
 49     5.4   153.1       116     4.5   165.7       183     2.6   134.7
 50     5.4   151.4       117     4.3   171.9       184     2.5   134.0
 51     5.6   150.6       118     4.2   178.8       185     2.4   134.5
 52     5.8   150.3       119     4.2   185.8       186     2.3   134.7
 53     5.8   152.0       120     4.3   171.9       187     2.2   134.9
 54     5.6   152.8       121     4.5   163.1       188     2.0   135.1
 55     4.8   153.1       122     4.4   167.1       189     1.8   136.9
 56     4.1   151.8       123     4.5   164.8       190     1.6   146.9
 57     4.0   151.6       124     4.6   161.5       191     2.1   159.4
 58     4.0   150.8       125     4.3   170.2       192     2.2   156.5
 59     3.7   156.4       126     4.3   171.5       193     2.1   159.4
 60     3.4   162.7       127     4.4   167.4       194     1.6   147.8
 61     3.5   159.6       128     4.5   162.4       195     2.1   138.5
 62     3.6   157.0       129     4.7   157.7       196     2.7   133.2
 63     3.6   156.3       130     4.9   153.3       197     3.3   129.7
 64     3.6   160.9       131     4.7   157.5       198     2.6   133.7
 65     3.9   167.0       132     4.5   162.5
 66     4.5   170.2       133     4.5   162.9
```


CAMP SNOWBIRD STATION 416
DATE 11/12/75 TIME 617(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

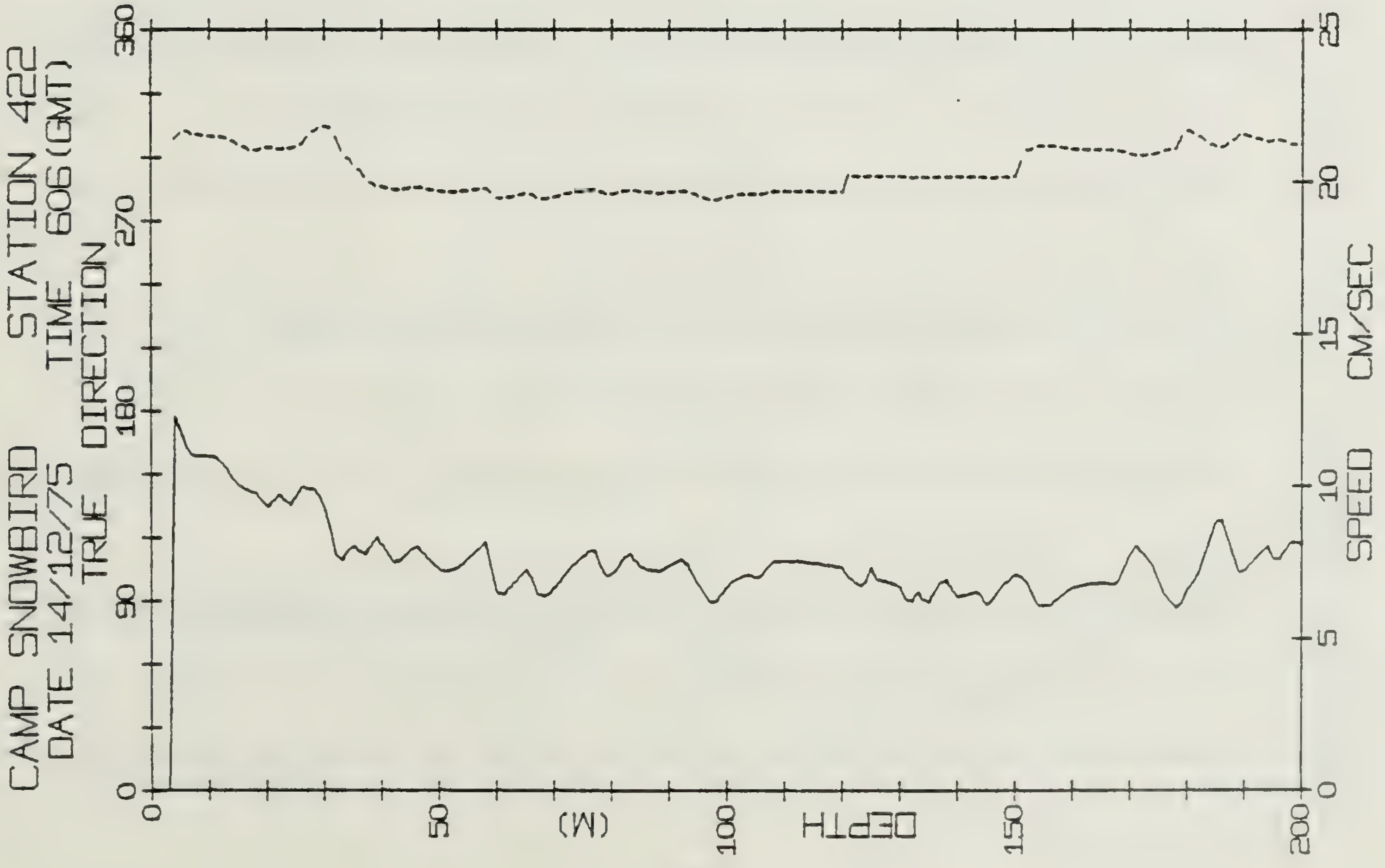

CAMP SNOWBIRD STATION 421
DATE 13/12/75 TIME 2331(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

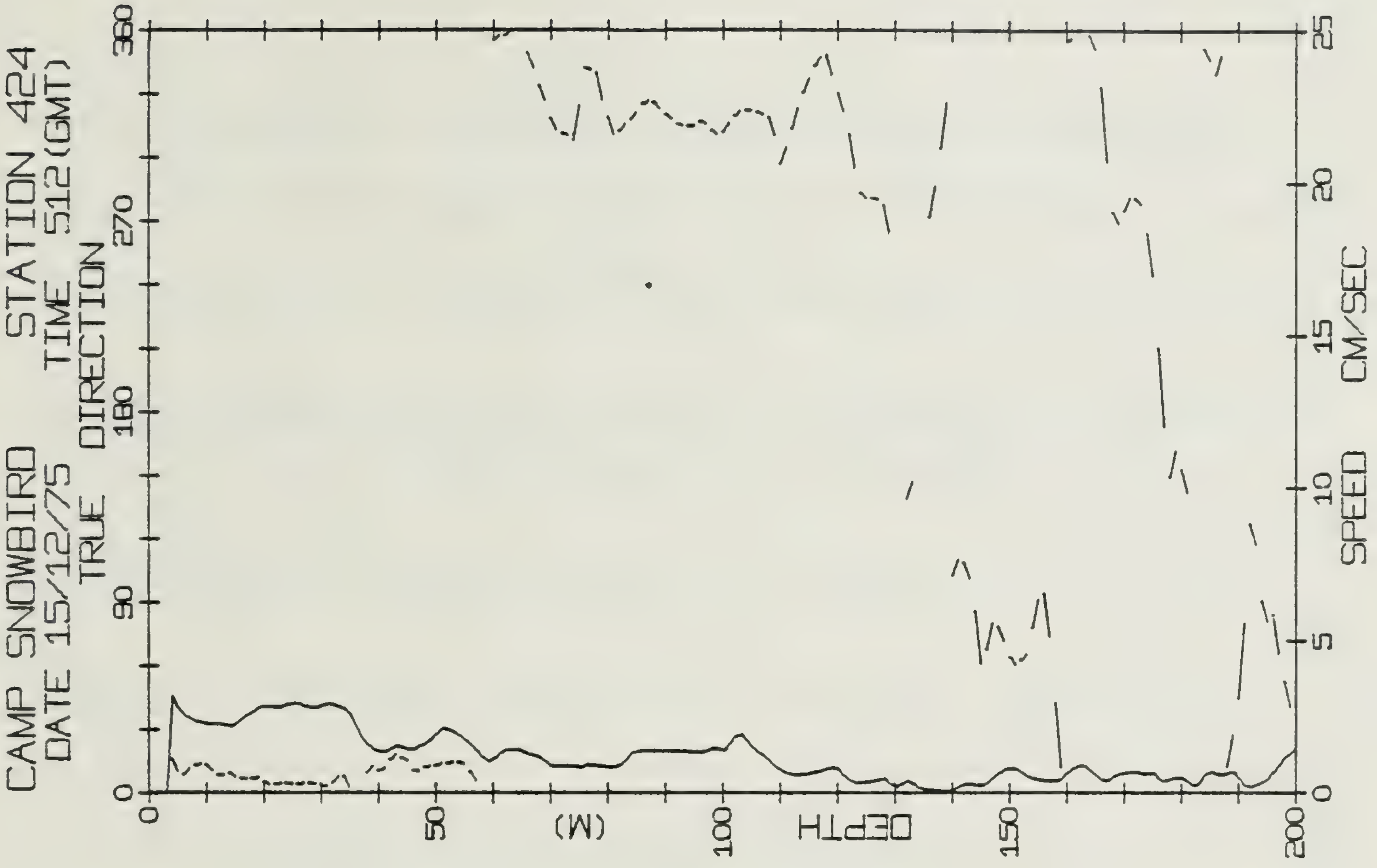
SNOWBIRD STATION 416 (200M.) 11/DEC/75 617 GMT
LAT= 73.8458N LONG= 144.5879W LTER= 1. LGER= 2.
NIVEL= -6.6 EIVEL= 2.4 NVER= 0. EVER= 0.

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	4.5	129.1	134	4.3	139.0
1	0.0	999.9	68	4.4	126.4	135	4.1	138.5
2	0.0	999.9	69	4.4	126.2	136	4.1	139.8
3	0.0	999.9	70	4.4	127.1	137	4.1	140.1
4	4.7	182.4	71	4.5	128.5	138	4.1	140.3
5	4.4	184.2	72	4.6	128.5	139	4.0	142.0
6	4.2	185.5	73	4.6	125.5	140	3.9	142.7
7	4.1	184.6	74	4.6	122.8	141	3.7	141.8
8	4.0	183.1	75	4.4	122.1	142	3.6	140.4
9	3.9	183.9	76	4.3	124.6	143	3.5	138.9
10	3.6	185.3	77	4.1	127.0	144	3.4	136.9
11	3.3	186.5	78	4.0	129.6	145	3.3	137.2
12	3.1	186.8	79	4.2	132.5	146	3.2	139.7
13	3.0	185.8	80	4.6	133.6	147	3.3	141.9
14	3.0	184.8	81	4.9	133.9	148	3.5	143.1
15	3.0	182.3	82	5.0	131.7	149	3.6	141.6
16	3.3	179.7	83	5.2	129.5	150	3.5	138.9
17	3.5	176.7	84	5.3	129.0	151	3.4	137.4
18	3.5	175.0	85	5.3	131.2	152	3.4	136.7
19	3.3	174.1	86	5.3	133.4	153	3.3	136.1
20	3.1	171.8	87	5.4	135.5	154	3.3	136.0
21	3.1	171.3	88	5.4	136.7	155	3.3	136.6
22	3.0	173.8	89	5.4	137.1	156	3.4	138.4
23	2.8	178.4	90	5.3	136.7	157	3.5	139.3
24	2.8	182.1	91	5.1	135.4	158	3.6	140.2
25	3.1	180.8	92	5.1	134.0	159	3.6	140.4
26	3.3	176.3	93	5.0	132.1	160	3.5	139.5
27	3.5	175.7	94	5.1	131.3	161	3.3	136.3
28	3.3	176.4	95	5.1	131.2	162	3.1	133.3
29	3.3	175.0	96	5.3	131.8	163	3.1	132.5
30	3.4	173.3	97	5.4	132.2	164	3.1	133.8
31	3.3	171.1	98	5.3	132.3	165	3.2	140.0
32	3.3	167.5	99	5.1	132.7	166	3.5	142.7
33	3.3	163.0	100	4.9	133.5	167	3.6	144.3
34	3.2	155.9	101	4.8	134.1	168	3.7	144.6
35	3.3	146.9	102	4.7	134.6	169	3.6	143.9
36	3.8	140.1	103	4.7	134.9	170	3.5	142.8
37	4.2	136.9	104	4.7	135.0	171	3.4	141.6
38	4.9	135.7	105	4.7	134.9	172	3.2	140.1
39	5.3	136.6	106	4.7	135.1	173	3.3	140.8
40	5.4	138.1	107	4.7	135.5	174	3.4	143.3
41	5.2	137.5	108	4.7	135.5	175	3.6	146.3
42	4.9	137.2	109	4.7	135.1	176	3.7	148.7
43	4.7	137.4	110	4.7	134.5	177	3.6	147.6
44	4.6	137.4	111	4.7	134.1	178	3.3	143.8
45	4.6	136.7	112	4.8	133.6	179	2.9	138.3
46	4.8	135.8	113	4.8	133.6	180	2.7	135.0
47	5.0	135.3	114	4.8	133.5	181	2.4	136.0
48	5.2	135.3	115	4.8	133.5	182	2.3	134.2
49	5.3	135.1	116	4.8	133.3	183	2.2	133.9
50	5.3	135.1	117	4.7	133.7	184	2.0	138.6
51	5.3	135.0	118	4.5	135.0	185	2.0	146.1
52	5.3	133.7	119	4.5	135.1	186	2.1	150.1
53	5.3	132.9	120	4.5	135.3	187	2.3	151.1
54	5.2	132.5	121	4.6	135.4	188	2.4	152.0
55	5.0	132.2	122	4.6	135.4	189	2.3	151.9
56	4.9	132.0	123	4.5	135.7	190	2.3	151.7
57	4.8	131.5	124	4.4	136.7	191	2.4	152.3
58	4.8	131.8	125	4.4	138.9	192	2.5	153.4
59	4.8	132.2	126	4.3	140.3	193	2.6	153.9
60	4.9	132.9	127	4.3	140.1	194	2.8	154.3
61	4.9	132.5	128	4.4	138.6	195	2.9	154.2
62	5.0	130.8	129	4.4	136.2	196	2.9	153.9
63	4.9	128.2	130	4.5	136.1	197	2.7	150.8
64	4.8	125.7	131	4.5	136.9	198	2.4	147.5
65	4.7	126.7	132	4.5	138.3	199	2.3	145.5
66	4.6	128.8	133	4.5	140.2	200	2.5	147.3

SNOWBIRD STATION 421 (200M.) 13/DEC/75 2331 GMT
LAT= 73.8447N LONG= 144.6601W LTER= 49. LGER= 68.
NIVEL= 4.2 EIVEL= -12.2 NVER= 1. EVER= 2.

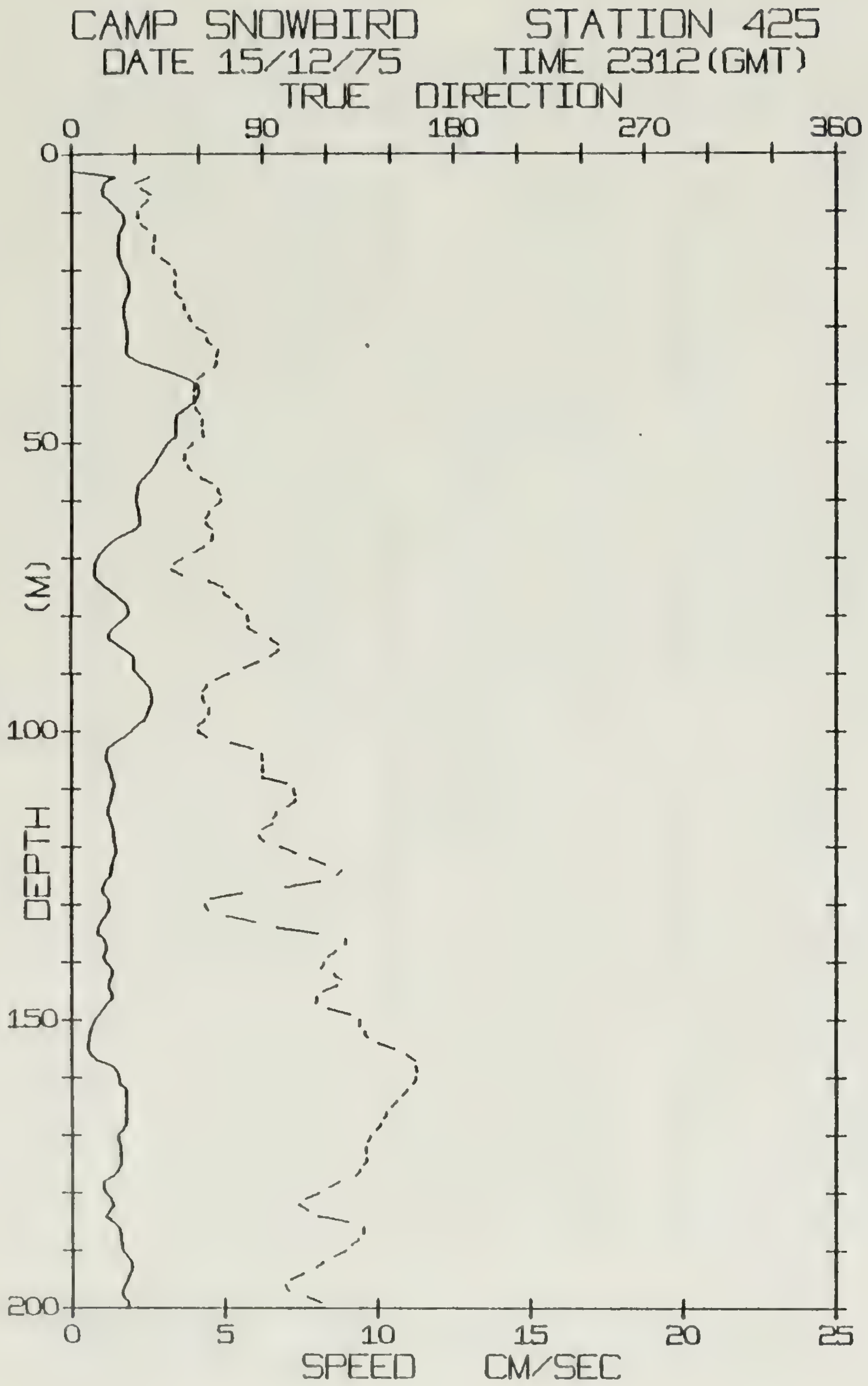
DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	2.5	259.9	134	1.6	307.0
1	0.0	999.9	68	2.4	257.6	135	1.5	307.7
2	0.0	999.9	69	2.2	254.9	136	1.5	308.7
3	0.0	999.9	70	2.1	252.3	137	1.5	308.3
4	7.2	299.4	71	2.0	249.4	138	1.6	307.3
5	6.1	302.4	72	1.9	247.1	139	1.7	305.9
6	5.7	302.2	73	1.9	245.8	140	2.1	302.7
7	5.7	301.0	74	1.9	246.8	141	2.6	299.6
8	5.7	299.9	75	2.0	248.8	142	2.7	299.1
9	5.4	299.4	76	2.0	247.3	143	2.8	298.7
10	5.3	298.1	77	1.8	242.1	144	2.8	299.1
11	5.5	297.1	78	1.6	227.5	145	2.5	300.6
12	5.8	297.4	79	1.5	225.2	146	2.2	313.8
13	6.0	298.0	80	1.7	236.3	147	2.0	320.2
14	6.2	298.5	81	1.8	244.1	148	1.9	322.4
15	6.1	298.2	82	1.9	252.4	149	1.9	323.6
16	5.9	297.4	83	1.5	270.0	150	2.0	322.6
17	5.8	297.7	84	1.2	267.7	151	2.4	326.9
18	5.8	298.9	85	1.0	263.1	152	2.5	325.9
19	5.8	299.6	86	1.1	267.5	153	2.5	326.7
20	5.9	299.8	87	1.3	271.4	154	2.4	327.9
21	5.9	299.2	88	1.5	274.3	155	2.3	331.8
22	6.0	299.2	89	1.4	272.1	156	2.2	333.1
23	6.0	299.2	90	1.2	268.9	157	2.4	329.3
24	6.0	297.1	91	1.4	272.9	158	2.6	324.5
25	6.0	293.0	92	1.7	276.1	159	2.8	320.4
26	6.1	291.2	93	2.0	278.3	160	2.8	319.3
27	6.1	291.2	94	2.4	279.7	161	2.7	321.3
28	6.1	291.2	95	2.4	279.5	162	2.9	318.7
29	6.0	291.2	96	2.3	278.7	163	2.9	317.3
30	5.9	291.3	97	2.2	277.8	164	2.9	318.6
31	5.9	291.3	98	2.1	285.5	165	2.7	320.3
32	5.7	291.3	99	2.2	301.6	166	2.6	323.2
33	5.6	291.3	100	2.3	300.4	167	2.6	321.5
34	5.4	291.2	101	2.5	299.5	168	2.8	318.3
35	5.3	291.2	102	2.7	298.6	169	2.9	316.7
36	5.0	290.7	103	2.8	297.7	170	2.8	316.9
37	4.7	288.3	104	2.9	297.6	171	2.9	316.5
38	4.5	285.7	105	2.8	297.8	172	3.0	314.7
39	4.1	283.6	106	2.6	298.9	173	3.1	312.2
40	3.7	282.4	107	2.1	301.3	174	3.5	308.9
41	3.7	282.6	108	1.8	304.5	175	3.9	305.6
42	3.8	283.2	109	1.5	307.8	176	4.1	298.9
43	3.9	283.6	110	1.3	310.5	177	4.0	293.0
44	3.8	283.8	111	1.4	309.0	178	3.6	293.6
45	3.6	283.2	112	1.5	308.0	179	3.2	294.5
46	3.4	282.7	113	1.5	307.0	180	2.7	295.9
47	3.2	282.0	114	1.6	306.2	181	2.2	297.8
48	3.1	281.7	115	1.7	305.1	182	1.9	299.7
49	3.1	282.1	116	1.8	304.2	183	1.7	301.1
50	3.2	282.5	117	1.9	302.5	184	1.7	301.2
51	3.4	282.8	118	2.2	300.4	185	1.7	301.1
52	3.6	283.2	119	2.6	298.6	186	1.8	300.2
53	3.7	283.0	120	2.6	298.4	187	1.9	299.7
54	3.5	282.3	121	2.3	300.2	188	2.0	299.0
55	3.2	281.5	122	2.3	300.2	189	2.1	298.1
56	2.9	278.7	123	2.5	299.2	190	2.2	297.7
57	2.7	267.7	124	2.6	298.5	191	2.2	297.0
58	2.8	264.5	125	2.4	299.2	192	2.3	296.8
59	2.9	265.1	126	2.3	300.2	193	2.3	296.5
60	2.8	264.8	127	2.3	300.2	194	2.2	297.2
61	2.7	263.2	128	2.4	299.5	195	2.0	297.8
62	2.5	260.3	129	2.4	299.3	196	2.4	296.0
63	2.3	256.4	130	2.3	300.2	197	2.8	294.6
64	2.4	257.7	131	2.1	301.9	198	3.1	293.8
65	2.5	259.8	132	1.9	303.6	199	3.3	293.3
66	2.6	260.7	133	1.7	305.4	200	3.3	293.3

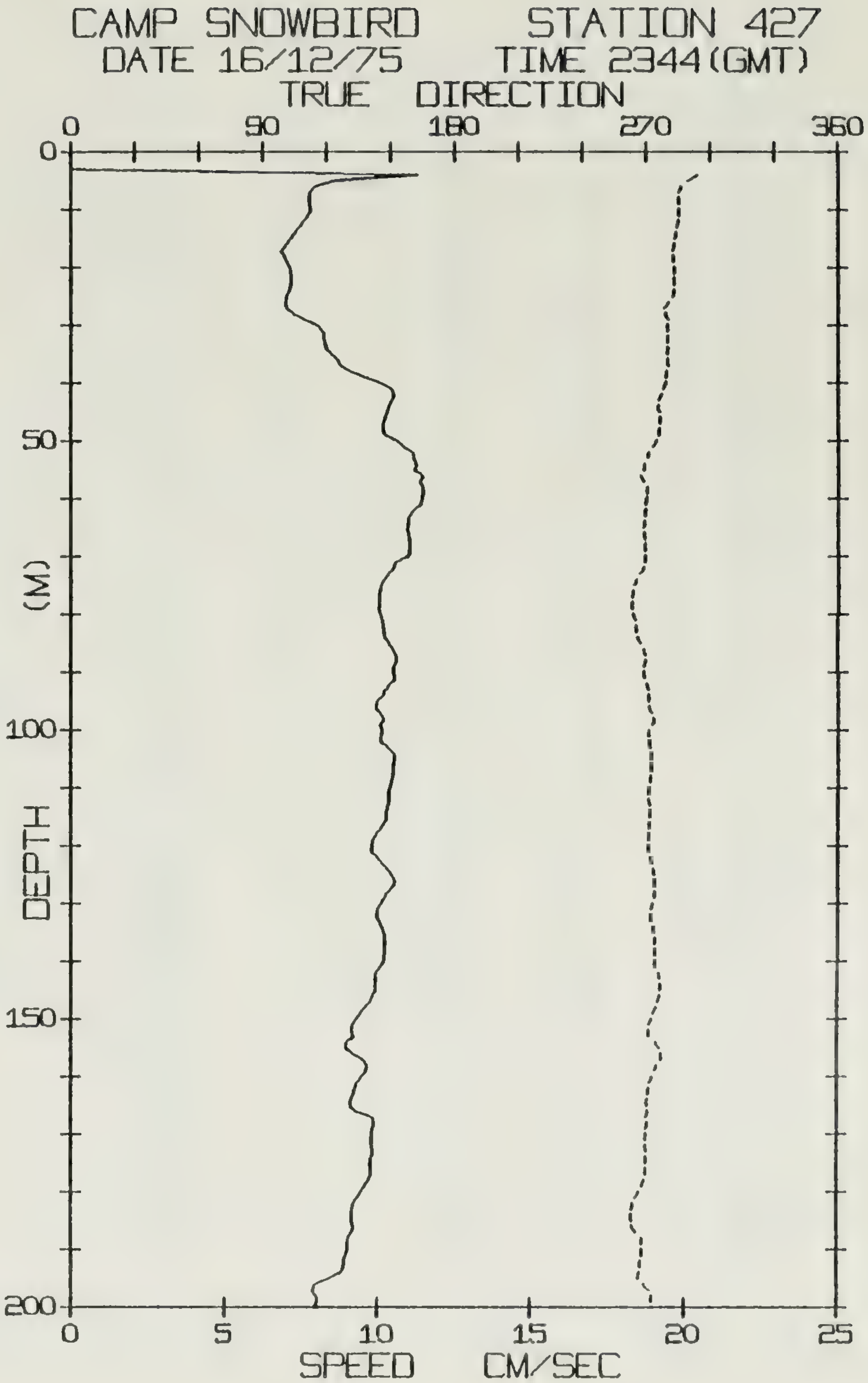

CAMP SNOWBIRD STATION 422
DATE 14/12/75 TIME 606(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 424
DATE 15/12/75 TIME 512(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 422     (200M.)     14/DEC/75        606 GMT
LAT= 73.8586N  LONG= 144.7580W  LTER=     1.  LGER=      1.
NIVEL=   6.9   EIVEL= -15.3     NVER=     0.  EVER=      0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    6.5  280.5      134    6.3  290.4
  1    0.0  999.9       68    6.4  280.2      135    6.2  290.3
  2    0.0  999.9       69    6.5  280.5      136    6.5  290.6
  3    0.0  999.9       70    6.7  281.2      137    6.8  290.9
  4   12.3  309.0       71    6.9  282.0      138    6.9  291.0
  5   11.8  311.1       72    7.2  282.7      139    6.6  290.7
  6   11.3  312.3       73    7.4  283.4      140    6.4  290.5
  7   11.0  310.7       74    7.5  283.8      141    6.4  290.5
  8   11.0  310.3       75    7.7  284.3      142    6.5  290.6
  9   11.0  310.0       76    7.9  284.6      143    6.5  290.6
 10   11.0  309.6       77    7.9  284.7      144    6.4  290.5
 11   10.9  309.3       78    7.4  283.4      145    6.1  290.2
 12   10.8  309.4       79    7.1  282.5      146    6.2  290.3
 13   10.6  308.8       80    7.1  282.7      147    6.5  290.6
 14   10.3  307.5       81    7.3  283.2      148    6.8  290.8
 15   10.1  306.1       82    7.6  284.0      149    6.9  291.0
 16    9.9  304.6       83    7.8  284.4      150    7.1  291.1
 17    9.8  303.4       84    7.6  283.9      151    7.0  297.8
 18    9.8  303.1       85    7.4  283.3      152    6.9  303.4
 19    9.5  303.9       86    7.3  283.1      153    6.5  304.3
 20    9.3  304.7       87    7.2  283.0      154    6.1  305.3
 21    9.5  304.5       88    7.2  282.9      155    6.1  305.3
 22    9.7  303.8       89    7.3  283.2      156    6.1  305.3
 23    9.6  304.1       90    7.4  283.4      157    6.2  304.9
 24    9.4  304.3       91    7.5  283.7      158    6.4  304.5
 25    9.7  305.2       92    7.6  284.0      159    6.5  304.1
 26   10.0  306.3       93    7.4  283.5      160    6.7  303.8
 27    9.9  309.1       94    7.1  282.6      161    6.7  303.7
 28    9.9  312.0       95    6.8  281.6      162    6.8  303.6
 29    9.7  313.5       96    6.5  280.6      163    6.8  303.5
 30    9.3  314.6       97    6.2  279.5      164    6.8  303.4
 31    8.6  313.5       98    6.2  279.6      165    6.8  303.5
 32    7.7  309.3       99    6.5  280.5      166    6.8  303.4
 33    7.6  303.0      100    6.7  281.3      167    6.8  303.4
 34    7.9  299.7      101    6.9  282.0      168    6.9  302.9
 35    8.0  297.0      102    7.0  282.3      169    7.3  302.1
 36    7.9  294.4      103    7.1  282.5      170    7.7  301.3
 37    7.8  291.0      104    7.1  282.5      171    8.1  300.7
 38    8.0  288.1      105    7.0  282.2      172    7.8  301.0
 39    8.3  286.3      106    7.1  282.6      173    7.6  301.3
 40    8.1  285.8      107    7.3  283.3      174    7.4  301.7
 41    7.8  285.2      108    7.5  283.8      175    6.9  302.5
 42    7.5  284.5      109    7.5  283.8      176    6.4  303.5
 43    7.6  284.6      110    7.5  283.8      177    6.2  304.1
 44    7.7  285.0      111    7.5  283.8      178    6.0  304.4
 45    7.9  285.5      112    7.5  283.8      179    6.1  309.7
 46    8.0  285.7      113    7.5  283.7      180    6.6  312.4
 47    7.8  285.2      114    7.5  283.6      181    6.8  311.3
 48    7.6  284.7      115    7.5  283.6      182    7.2  309.9
 49    7.4  284.2      116    7.4  283.5      183    7.7  308.0
 50    7.3  283.6      117    7.4  283.4      184    8.3  306.2
 51    7.2  283.3      118    7.4  283.3      185    8.9  304.8
 52    7.3  283.5      119    7.3  283.3      186    8.9  304.6
 53    7.3  283.5      120    7.3  283.2      187    8.3  306.3
 54    7.5  283.8      121    7.0  291.5      188    7.7  308.2
 55    7.6  284.2      122    6.9  290.9      189    7.2  310.5
 56    7.8  284.6      123    6.7  290.8      190    7.3  310.2
 57    8.0  284.9      124    6.8  290.9      191    7.5  309.5
 58    8.2  285.3      125    7.3  291.3      192    7.7  308.8
 59    7.3  283.3      126    7.0  291.0      193    7.8  308.0
 60    6.5  280.7      127    6.9  290.9      194    8.0  307.1
 61    6.4  280.4      128    6.8  290.9      195    7.6  308.4
 62    6.6  281.1      129    6.7  290.8      196    7.6  308.1
 63    6.8  281.8      130    6.7  290.7      197    7.9  307.1
 64    7.0  282.4      131    6.3  290.4      198    8.1  306.1
 65    7.2  283.0      132    6.2  290.3      199    8.1  305.9
 66    7.0  282.3      133    6.5  290.6      200    8.0  306.0
```

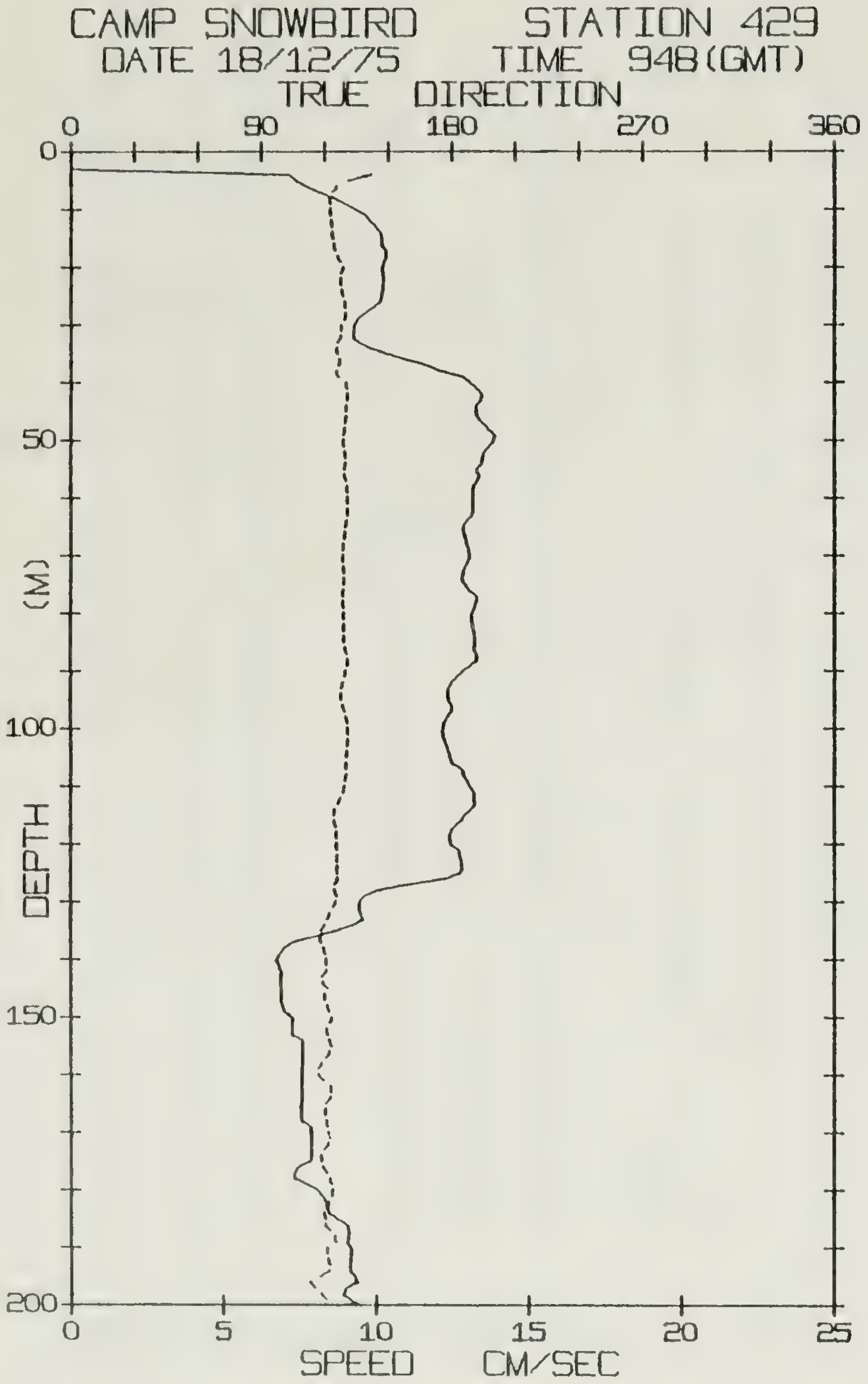
```
SNOWBIRD STATION 424     (200M.)     15/DEC/75        512 GMT
LAT= 73.8860N  LONG= 144.8831W  LTER=     0.  LGER=      0.
NIVEL=   4.1   EIVEL=   3.7     NVER=     0.  EVER=      0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    1.2  342.7      134    0.2  171.0
  1    0.0  999.9       68    1.2  334.1      135    0.1  271.2
  2    0.0  999.9       69    1.0  327.1      136    0.1  272.3
  3    0.0  999.9       70    0.9  318.8      137    0.1  286.8
  4    3.2   16.5       71    0.9  313.2      138    0.1  304.3
  5    2.8   10.3       72    0.9  311.4      139    0.1  326.1
  6    2.5    8.8       73    0.9  310.2      140    0.1  103.1
  7    2.4   11.3       74    0.8  308.4      141    0.2  110.4
  8    2.3   13.3       75    0.8  324.1      142    0.3  108.9
  9    2.3   14.2       76    0.9  342.4      143    0.3  101.9
 10    2.2   13.1       77    0.9  341.7      144    0.2   86.2
 11    2.2   10.6       78    0.9  340.0      145    0.2   61.7
 12    2.2    8.5       79    0.8  327.6      146    0.3   68.0
 13    2.2    8.5       80    0.8  319.3      147    0.5   80.5
 14    2.2    9.5       81    0.8  311.2      148    0.6   78.5
 15    2.3    7.6       82    0.9  312.5      149    0.8   72.4
 16    2.4    6.8       83    1.1  315.9      150    0.8   64.4
 17    2.6    6.6       84    1.3  318.1      151    0.8   60.9
 18    2.7    7.0       85    1.4  321.8      152    0.6   63.0
 19    2.8    7.3       86    1.4  325.3      153    0.5   65.7
 20    2.8    5.4       87    1.4  327.0      154    0.4   78.3
 21    2.8    4.0       88    1.4  326.0      155    0.4   91.3
 22    2.8    4.4       89    1.4  323.3      156    0.4   94.2
 23    2.8    4.7       90    1.4  320.7      157    0.4   74.2
 24    2.9    4.6       91    1.4  318.4      158    0.4   43.0
 25    3.0    4.1       92    1.4  316.2      159    0.5   12.2
 26    2.9    4.4       93    1.4  315.1      160    0.7  355.3
 27    2.8    5.0       94    1.3  315.0      161    0.8  357.1
 28    2.8    4.6       95    1.3  315.6      162    0.9    0.3
 29    2.8    4.1       96    1.3  317.3      163    0.9  359.5
 30    2.9    2.9       97    1.4  316.1      164    0.7  358.0
 31    2.9    3.6       98    1.5  312.7      165    0.6  351.7
 32    2.9    5.1       99    1.4  311.1      166    0.4  333.8
 33    2.8    7.5      100    1.4  312.4      167    0.4  298.9
 34    2.7    7.9      101    1.6  316.3      168    0.5  274.4
 35    2.6    2.8      102    1.8  320.0      169    0.6  269.6
 36    2.2  359.7      103    1.9  322.2      170    0.7  275.2
 37    1.8    1.3      104    1.8  322.7      171    0.7  281.4
 38    1.6    9.9      105    1.5  322.7      172    0.7  280.9
 39    1.4   12.5      106    1.4  321.5      173    0.6  278.0
 40    1.3   10.5      107    1.2  320.2      174    0.6  264.6
 41    1.3   11.7      108    1.1  319.1      175    0.6  244.6
 42    1.5   15.9      109    0.9  310.7      176    0.5  210.6
 43    1.5   18.1      110    0.7  297.5      177    0.4  173.4
 44    1.5   16.7      111    0.6  304.8      178    0.5  149.2
 45    1.4   15.3      112    0.6  313.6      179    0.5  161.9
 46    1.4   10.6      113    0.6  323.4      180    0.4  153.1
 47    1.5   10.2      114    0.6  330.8      181    0.4  142.4
 48    1.6   12.1      115    0.6  337.5      182    0.2  106.5
 49    1.8   12.7      116    0.7  343.5      183    0.3   15.8
 50    1.9   13.3      117    0.7  347.9      184    0.6  351.6
 51    2.1   14.4      118    0.8  348.8      185    0.7  346.7
 52    2.1   14.6      119    0.8  339.4      186    0.6  339.9
 53    2.0   14.9      120    0.8  330.8      187    0.6  348.6
 54    1.9   14.7      121    0.6  322.5      188    0.7   12.5
 55    1.7   13.7      122    0.4  311.4      189    0.7   27.2
 56    1.6   10.0      123    0.3  295.7      190    0.5   44.9
 57    1.4    6.1      124    0.3  283.6      191    0.2   80.2
 58    1.2    0.4      125    0.4  280.9      192    0.2  127.3
 59    1.0  354.1      126    0.4  280.8      193    0.3  117.7
 60    1.1  355.4      127    0.4  280.6      194    0.4   90.9
 61    1.3  357.5      128    0.5  277.9      195    0.5   81.3
 62    1.4  358.1      129    0.3  264.6      196    0.7   83.9
 63    1.4  359.8      130    0.2  187.8      197    0.9   66.3
 64    1.4    0.1      131    0.3  142.8      198    1.2   52.9
 65    1.3  355.1      132    0.4  139.2      199    1.3   41.2
 66    1.3  349.3      133    0.3  146.8      200    1.5   33.8
```

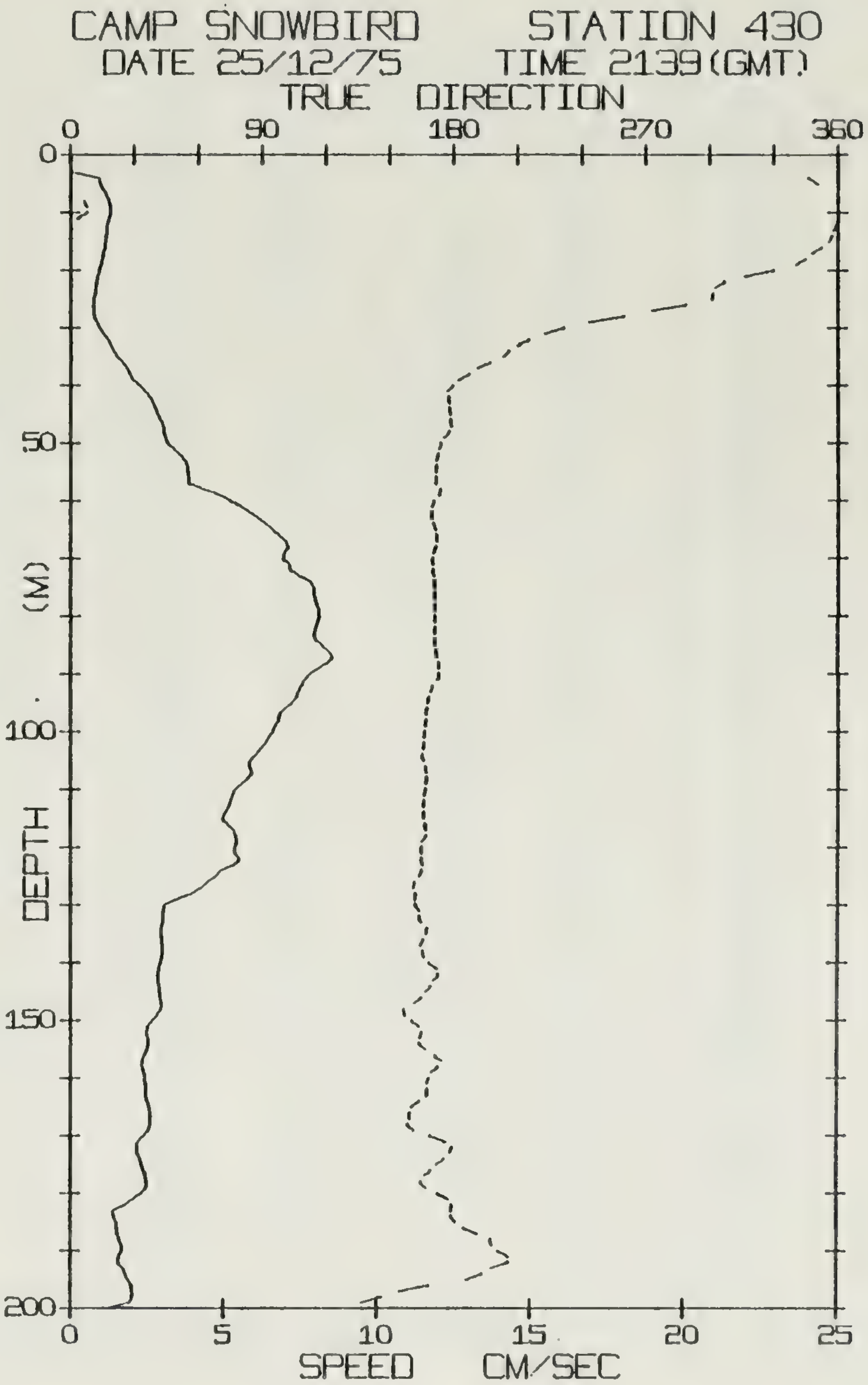

CAMP SNOWBIRD STATION 425
DATE 15/12/75 TIME 2312(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 427
DATE 16/12/75 TIME 2344(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
(M)
DEPTH
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 425     (200M.)     15/DEC/75     2312 GMT
LAT= 73.8982N  LONG= 144.8053W  LTER=     1   LGER=     2.
NIVEL=   0.6   EIVEL=    4.8    NVER=    0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    1.3    65.7     134    0.9    96.8
  1    0.0   999.9      68    1.1    62.6     135    0.9   115.9
  2    0 0   999.9      69    1.0    57.7     136    1.1   128.9
  3    0 0   999.9      70    0 8    52.4     137    1.2   128.6
  4    1 4    36.5      71    0.8    48 4     138    1.1   124.5
  5    1.1    30.1      72    0.7    47.1     139    1.0   121.1
  6    1.0    32.5      73    0.7    52.1     140    1.1   118.8
  7    1.0    37.1      74    0 9    64.6     141    1.3   117.5
  8    1.2    35.9      75    1.1    71.0     142    1.3   123.6
  9    1.4    32.9      76    1.3    71 8     143    1.2   126.7
 10    1.6    31.1      77    1.6    74.8     144    1.2   125.0
 11    1.7    31.0      78    1.8    77.8     145    1.3   118.5
 12    1.7    32.6      79    1.9    80.6     146    1.4   115.7
 13    1.6    35.5      80    1.8    82.8     147    1.2   114.9
 14    1.5    39.0      81    1.6    83.6     148    1.0   120.6
 15    1.5    38 7      82    1.4    83.3     149    0.9   130.9
 16    1 5    38.2      83    1 2    87.1     150    0.8   135.7
 17    1.5    38.8      84    1.2    93.9     151    0.7   135.4
 18    1.6    42.4      85    1.5    97.4     152    0.6   137.8
 19    1.6    45.9      86    1.8    97.4     153    0.6   139.5
 20    1.7    48.1      87    2.0    93.7     154    0.5   144.5
 21    1.8    49.5      88    2.0    88.0     155    0.6   151.6
 22    1 9    48 7      89    2.0    81 4     156    0.6   157.7
 23    1.9    48.9      90    2.2    74.1     157    0.8   161.7
 24    1.9    49.4      91    2.3    68.1     158    1.3   162.4
 25    1.8    51.7      92    2.5    63.8     159    1.5   162.9
 26    1 7    53.0      93    2.6    61.9     160    1.6   162.1
 27    1.7    53.6      94    2.6    61.9     161    1.6   160.8
 28    1.7    55.3      95    2.6    62.8     162    1.8   157.9
 29    1.8    56.7      96    2.5    64.7     163    1.8   155.9
 30    1.8    58.9      97    2.5    64.3     164    1.8   153.1
 31    1.8    63.8      98    2.4    62.7     165    1.8   150.8
 32    1.8    63.6      99    2.1    59.8     166    1.8   148.3
 33    1.8    65.9     100    2.0    59.6     167    1.8   147.1
 34    1.8    68 8     101    1.7    63.7     168    1.8   145.6
 35    1.9    68.3     102    1.4    74.9     169    1.7   143.7
 36    2.2    68.2     103    1.2    85.6     170    1.5   140.9
 37    2.8    67.1     104    1.1    89.6     171    1.6   139.6
 38    3.3    62.3     105    1.2    90.2     172    1.6   138.7
 39    3 8    59.2     106    1.3    89.9     173    1.6   138.8
 40    4.1    58.1     107    1.3    89.9     174    1.6   139.3
 41    4.2    57.6     108    1.3    90.3     175    1.6   137.7
 42    4.1    57.6     109    1.4   100.8     176    1.5   135.8
 43    4.0    57.9     110    1.3   104.6     177    1.4   133.8
 44    3.8    58.8     111    1 3   105.6     178    1.0   126.0
 45    3.5    60.6     112    1.3   105.8     179    1.0   121.3
 46    3.4    61.6     113    1.2   101 8     180    1.1   116.4
 47    3.4    61.6     114    1.2    96.5     181    1.3   110.2
 48    3.4    62.2     115    1.3    94.9     182    1.4   107.4
 49    3.4    62.3     116    1.3    94.3     183    1.2   111.2
 50    3.1    57.2     117    1.4    89.8     184    1.1   116.1
 51    3.0    54.8     118    1.4    88.5     185    1.3   130.1
 52    2.9    53.4     119    1.4    90.5     186    1.5   137.5
 53    2.8    53.1     120    1.5    98.3     187    1.6   137.5
 54    2.7    55.0     121    1.4   105.6     188    1.6   135.3
 55    2.5    56.9     122    1.4   112.2     189    1.7   132.0
 56    2.4    60.8     123    1.3   119 2     190    1.7   129.1
 57    2 2    65 9     124    1.3   126.9     191    1.8   123.6
 58    2 1    68 8     125    1.2   124 6     192    2.0   118.3
 59    2.1    70 1     126    1.1   117.2     193    2.0   114 9
 60    2.1    70.5     127    1.0   100.6     194    1.9   109.1
 61    2.2    67.7     128    1.0    80.4     195    1.8   103.1
 62    2 2    64 9     129    1.2    65 8     196    1.7   100.5
 63    2 2    63.2     130    1 3    63 0     197    1.6   102.1
 64    2 2    63 4     131    1 2    64.4     198    1.7   110.7
 65    2 1    66 1     132    1 1    73.0     199    1.9   117.4
 66    1 7    66.5     133    1.0    86.5     200    1.9   117.4
```

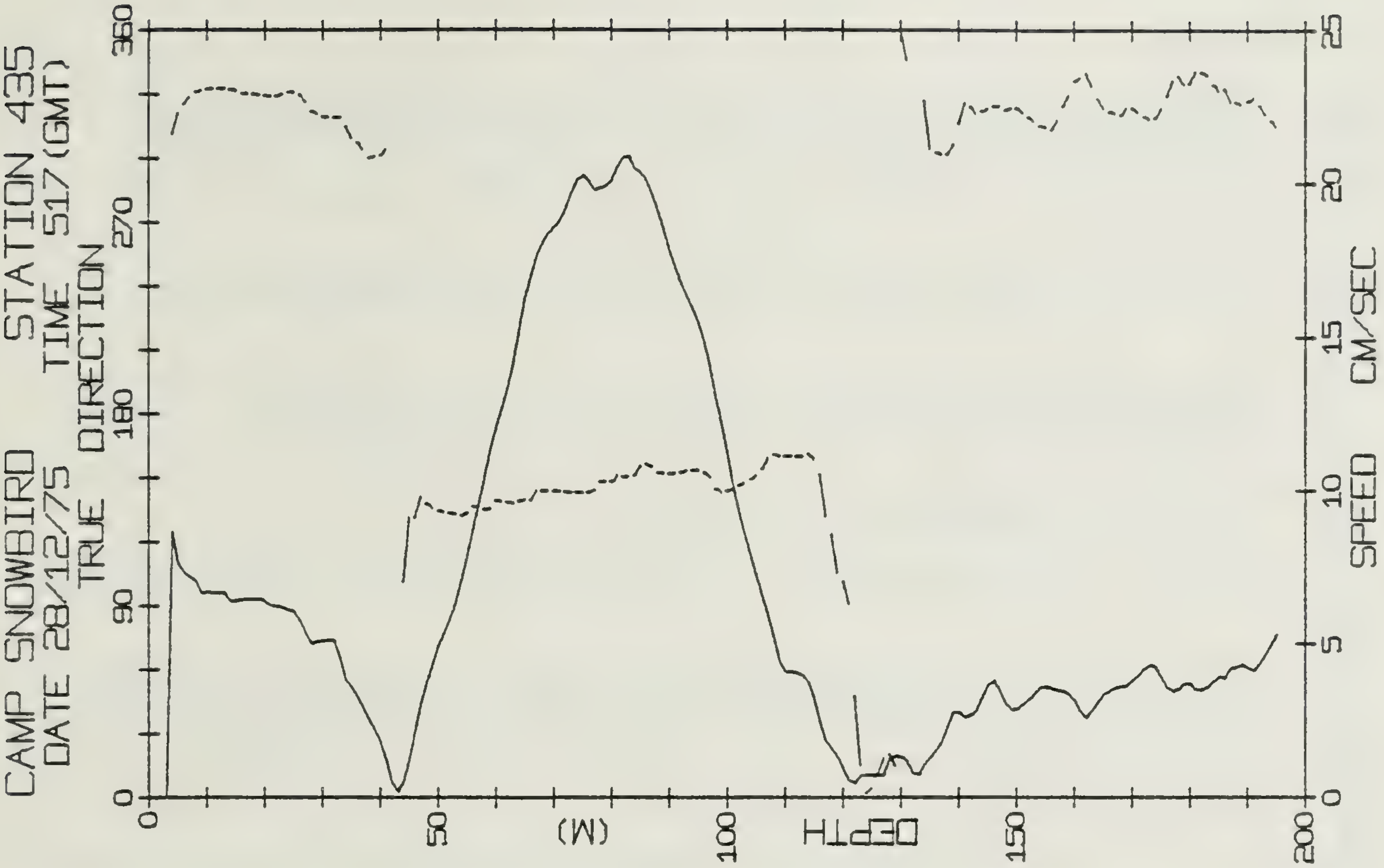
```
SNOWBIRD STATION 427     (200M.)     16/DEC/75     2344 GMT
LAT= 73.9076N  LONG= 144.9100W  LTER=    1.   LGER=     2.
NIVEL=   6.8   EIVEL= -14.1     NVER=    0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67   11.1   269 8     134   10.2   273.8
  1    0.0   999.9      68   11.1   269.8     135   10.2   274.3
  2    0.0   999.9      69   11.1   269 6     136   10.3   274.5
  3    0.0   999.9      70   11.0   269 5     137   10.3   274.6
  4   11.3   294.2      71   10.6   269.5     138   10.2   274.4
  5    8.6   289.6      72   10 5   268 8     139   10.2   274.2
  6    8.0   286 1      73   10.4   267.1     140   10 2   274.2
  7    7.8   285 0      74   10.2   265.4     141   10.1   274 8
  8    7.8   285 0      75   10 1   263.9     142    9.9   276.3
  9    7.8   285.2      76   10.1   263.4     143   10.0   276.7
 10    7.8   285 3      77   10 1   263.3     144   10 0   276.9
 11    7.7   285.0      78   10.1   263.3     145    9.9   276.7
 12    7.6   284.7      79   10.1   263.5     146    9.8   276 2
 13    7.4   284.3      80   10.1   264.2     147    9.7   275.5
 14    7.3   283.8      81   10.2   265.3     148    9.6   274.4
 15    7.2   283.4      82   10.2   265 7     149    9.4   273.3
 16    7.0   282.8      83   10.2   265 8     150    9.3   272.4
 17    6.9   282.2      84   10.3   266.5     151    9.2   271.3
 18    7.0   282.6      85   10.4   267.9     152    9.2   271.2
 19    7.1   283.0      86   10.5   269.1     153    9.3   271.8
 20    7.2   283.2      87   10.6   270 1     154    9.0   274 8
 21    7.2   283.2      88   10.6   269.8     155    9.0   276 6
 22    7.2   283.2      89   10.5   269.0     156    9.2   277.3
 23    7.2   283.0      90   10.5   269.2     157    9.6   277.4
 24    7.1   282.7      91   10.6   269.7     158    9.7   275.1
 25    7.0   282.3      92   10 4   270.7     159    9.6   273.9
 26    7.0   280.6      93   10.3   271.6     160    9.5   272 9
 27    7.1   278.5      94   10.2   271.5     161    9.3   271.7
 28    7.3   279.3      95   10.0   271.6     162    9.3   271.3
 29    7.6   280.7      96    9.9   271.9     163    9.2   271.0
 30    8.1   280.0      97   10.1   273.1     164    9.1   270.6
 31    8.2   280.0      98   10.2   274.1     165    9.2   270.9
 32    8.3   280.0      99   10.1   273.2     166    9.3   271.2
 33    8.3   280.1     100   10.2   271.2     167    9.9   270 1
 34    8.4   280.2     101   10.1   271.4     168    9.9   270.8
 35    8.5   280.1     102   10.2   271.9     169    9.9   270.2
 36    8.7   280.0     103   10.4   272.5     170    9.8   269.9
 37    8.8   280.5     104   10.6   273.0     171    9.8   270.1
 38    9.2   279.4     105   10.5   272.8     172    9.9   270.4
 39    9.6   279.1     106   10.5   272.5     173    9.9   270.6
 40   10.1   279.1     107   10.5   272.6     174    9.8   270.0
 41   10.5   277.8     108   10.5   272.3     175    9.8   269.9
 42   10.6   276.9     109   10.4   271.7     176    9.8   270.1
 43   10.5   275.6     110   10.4   271.4     177    9.8   269.9
 44   10.4   275.7     111   10.4   271.2     178    9.7   269.2
 45   10.3   276.5     112   10.4   271.6     179    9.6   268.1
 46   10.2   276.8     113   10.3   272.2     180    9.5   266.8
 47   10.2   276.5     114   10.3   272 2     181    9.3   265.3
 48   10.2   276.0     115   10.3   271.7     182    9.2   263.8
 49   10.3   276.0     116   10.2   271.5     183    9.2   263.2
 50   10.7   274.6     117   10.1   271.3     184    9.2   263.2
 51   10.9   273.1     118    9.9   271.4     185    9.2   263.5
 52   11.2   271 2     119    9.8   271.2     186    9.2   263.8
 53   11.2   270.4     120    9.8   271.2     187    9.2   265 6
 54   11.3   269.4     121    9.9   271.5     188    9.0   268.1
 55   11.2   268.8     122   10.0   272.5     189    9.0   268.6
 56   11.5   267.7     123   10.2   273 4     190    9.0   268.7
 57   11.4   269.1     124   10.4   273.9     191    9.0   268.1
 58   11.5   270.7     125   10.5   274.2     192    8.9   267.8
 59   11.5   270.6     126   10.6   274.2     193    8.9   267.9
 60   11.4   270.1     127   10 5   274.3     194    8.8   267 1
 61   11.4   269.7     128   10.3   274.3     195    8.4   266 5
 62   11.2   269.7     129   10 2   274.0     196    8.0   269.3
 63   11.1   269.6     130   10.1   273.2     197    7.9   271.8
 64   11.0   269.2     131   10.0   272.3     198    8.0   272.9
 65   11.0   269.0     132   10.0   272.3     199    8.0   272.9
 66   11.0   269 5     133   10.1   273.0     200    8.0   272.3
```

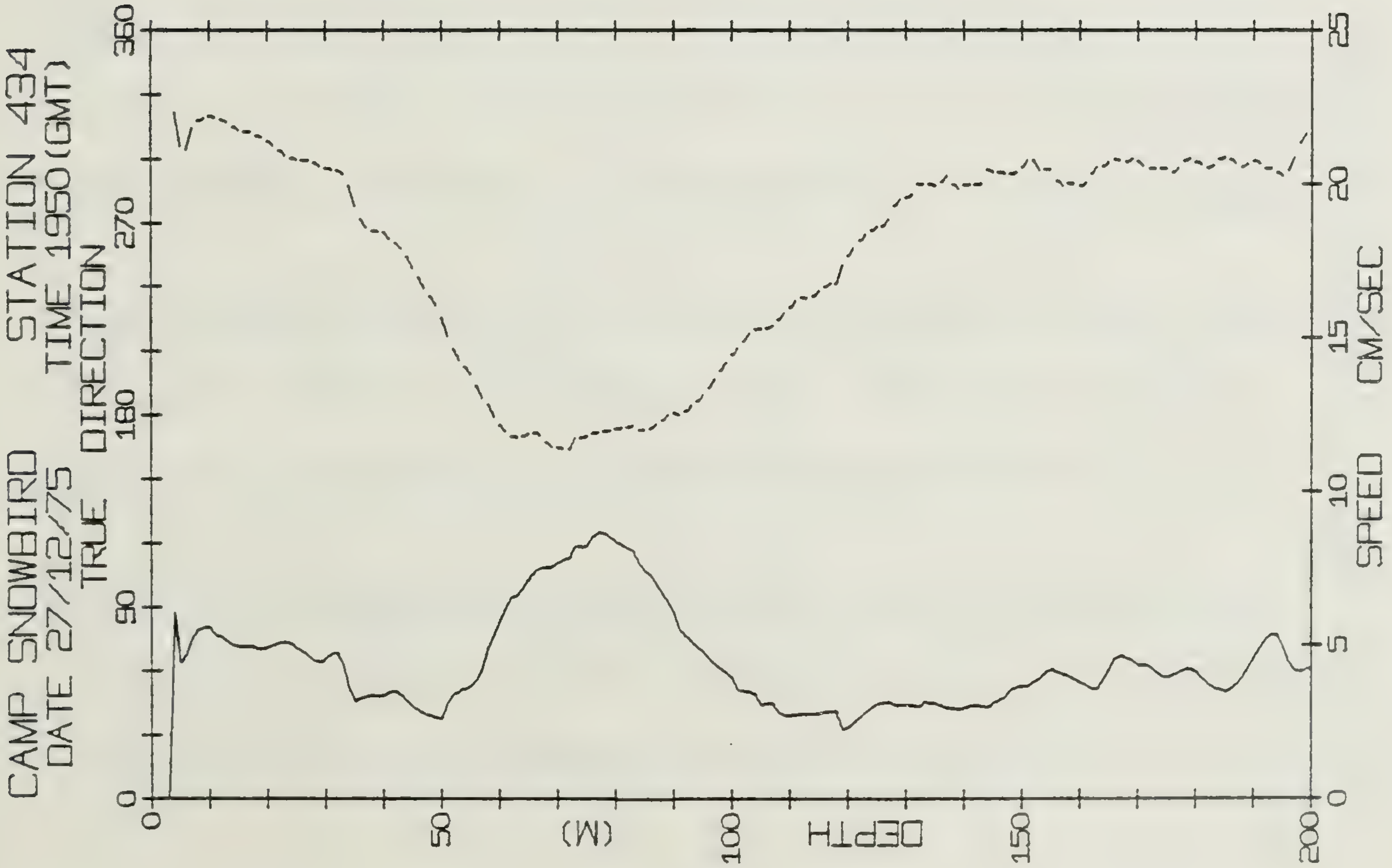

CAMP SNOWBIRD STATION 429
DATE 18/12/75 TIME 948(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 430
DATE 25/12/75 TIME 2139(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 429     (200M.)      18/DEC/75       948 GMT
LAT= 73.8663N  LONG= 145.2144W  LTER=      1   LGER=      1.
NIVEL=  -8.7   EIVEL=    4.3    NVER=      0.  EVER=      0.

 DPT     SPD      DRN       DPT     SPD      DRN       DPT     SPD      DRN
   0     0.0    999.9        67    13.0    129.1       134     9.3    119.4
   1     0.0    999.9        68    13.0    128.8       135     8.7    118.0
   2     0.0    999.9        69    13.1    128.5       136     8.0    117.4
   3     0.0    999.9        70    13.1    128.4       137     7.3    118.2
   4     7.2    141.8        71    13.0    128.7       138     7.0    119.2
   5     7.4    131.5        72    12.9    129.2       139     6.9    120.1
   6     7.7    125.5        73    12.8    129.4       140     6.7    120.7
   7     8.2    123.5        74    12.8    129.4       141     6.8    120.7
   8     8.6    122.1        75    12.9    128.8       142     6.9    120.4
   9     9.0    122.3        76    13.1    128.4       143     6.9    118.3
  10     9.4    122.6        77    13.3    128.7       144     6.9    119.1
  11     9.7    122.9        78    13.3    128.7       145     6.9    121.0
  12     9.8    123.0        79    13.2    128.9       146     6.9    119.7
  13    10.0    123.2        80    13.1    129.1       147     6.9    119.7
  14    10.2    123.5        81    13.2    129.2       148     7.0    121.0
  15    10.2    124.0        82    13.2    129.2       149     7.0    122.0
  16    10.2    124.4        83    13.2    129.2       150     7.3    123.0
  17    10.3    124.9        84    13.3    129.3       151     7.3    122.0
  18    10.3    126.3        85    13.2    129.4       152     7.3    120.9
  19    10.3    127.6        86    13.2    129.6       153     7.3    121.2
  20    10.2    128.6        87    13.3    130.4       154     7.6    122.3
  21    10.3    127.7        88    13.3    131.0       155     7.6    123.0
  22    10.3    127.5        89    13.1    130.4       156     7.6    121.9
  23    10.2    127.9        90    12.9    129.5       157     7.6    120.4
  24    10.2    128.2        91    12.7    129.1       158     7.6    118.3
  25    10.2    128.9        92    12.5    128.2       159     7.6    116.5
  26    10.1    129.6        93    12.4    127.7       160     7.6    116.9
  27     9.9    129.8        94    12.4    127.7       161     7.6    119.2
  28     9.6    130.1        95    12.4    127.9       162     7.6    122.3
  29     9.4    129.3        96    12.5    128.7       163     7.6    123.1
  30     9.3    127.9        97    12.5    129.6       164     7.6    122.2
  31     9.3    127.6        98    12.3    130.3       165     7.6    120.4
  32     9.3    127.3        99    12.2    130.8       166     7.6    119.8
  33     9.5    126.0       100    12.2    131.1       167     7.6    120.2
  34     9.8    125.5       101    12.2    131.0       168     7.6    120.9
  35    10.4    126.1       102    12.3    130.8       169     7.9    121.3
  36    11.0    127.1       103    12.3    130.4       170     7.9    121.8
  37    11.7    126.6       104    12.4    130.2       171     7.9    122.3
  38    12.1    125.4       105    12.5    130.0       172     7.9    121.3
  39    12.9    126.7       106    12.5    129.8       173     7.9    119.6
  40    13.1    130.1       107    12.8    130.2       174     7.9    118.1
  41    13.3    130.7       108    12.9    129.8       175     7.8    118.4
  42    13.5    130.9       109    13.0    129.4       176     7.5    119.3
  43    13.4    130.2       110    13.1    129.0       177     7.3    120.8
  44    13.3    129.8       111    13.2    128.5       178     7.4    122.3
  45    13.3    129.7       112    13.2    127.2       179     7.7    123.2
  46    13.4    129.8       113    13.2    126.0       180     8.1    123.5
  47    13.5    129.5       114    13.1    124.3       181     8.3    122.8
  48    13.7    129.2       115    12.9    123.7       182     8.4    121.7
  49    13.9    128.7       116    12.8    124.2       183     8.4    120.8
  50    13.9    128.7       117    12.6    125.2       184     8.5    119.6
  51    13.7    129.1       118    12.4    125.8       185     8.7    120.3
  52    13.5    129.7       119    12.4    125.7       186     9.1    120.2
  53    13.5    129.7       120    12.5    125.5       187     9.1    122.1
  54    13.4    129.6       121    12.7    125.9       188     9.1    124.3
  55    13.3    128.9       122    12.8    125.7       189     9.1    125.2
  56    13.4    129.5       123    12.8    125.5       190     9.2    121.0
  57    13.3    130.2       124    12.8    125.5       191     9.2    120.8
  58    13.2    130.6       125    12.8    125.9       192     9.2    121.4
  59    13.2    130.6       126    12.3    125.8       193     9.2    122.3
  60    13.2    130.7       127    11.1    124.2       194     9.2    122.0
  61    13.2    130.8       128    10.0    124.5       195     9.3    117.5
  62    13.2    130.9       129     9.6    125.6       196     9.4    113.1
  63    13.1    130.8       130     9.5    124.7       197     9.0    115.1
  64    13.0    130.2       131     9.4    123.3       198     8.9    118.1
  65    12.9    129.6       132     9.5    121.7       199     9.1    120.7
  66    12.9    129.3       133     9.6    120.8       200     9.5    120.7
```

```
SNOWBIRD STATION 430     (200M.)      25/DEC/75      2139 GMT
LAT= 73.7973N  LONG= 144.9808W  LTER=      1.  LGER=      2.
NIVEL=  -0.5   EIVEL=    1.0    NVER=      0.  EVER=      0.

 DPT     SPD      DRN       DPT     SPD      DRN       DPT     SPD      DRN
   0     0.0    999.9        67     7.1    171.9       134     3.0    167.5
   1     0.0    999.9        68     7.1    171.2       135     3.0    167.0
   2     0.0    999.9        69     7.0    170.3       136     3.0    165.5
   3     0.0    999.9        70     6.9    170.0       137     3.0    164.3
   4     0.9    346.5        71     7.2    170.3       138     3.0    165.5
   5     1.0    350.5        72     7.2    170.5       139     3.0    166.5
   6     1.1    355.6        73     7.5    170.8       140     2.9    168.4
   7     1.2      1.2        74     7.8    171.1       141     2.9    172.2
   8     1.3      6.4        75     7.9    171.3       142     2.9    172.8
   9     1.3      7.7        76     8.0    171.3       143     2.9    170.9
  10     1.3      7.7        77     8.0    171.3       144     2.9    169.2
  11     1.2      3.1        78     8.1    171.2       145     2.9    167.0
  12     1.2    359.4        79     8.1    171.2       146     3.0    165.0
  13     1.2    358.3        80     8.1    171.2       147     3.0    161.5
  14     1.2    357.3        81     8.0    171.2       148     3.0    157.1
  15     1.1    356.0        82     8.0    171.2       149     2.8    157.6
  16     1.1    352.5        83     7.9    171.2       150     2.7    160.6
  17     1.1    348.0        84     8.0    171.2       151     2.5    164.0
  18     1.0    345.2        85     8.2    171.5       152     2.5    165.0
  19     1.0    340.4        86     8.4    171.7       153     2.5    163.9
  20     0.9    330.1        87     8.6    172.2       154     2.6    164.2
  21     0.9    317.0        88     8.4    173.3       155     2.5    167.0
  22     0.8    307.0        89     8.1    173.3       156     2.4    171.4
  23     0.8    302.6        90     7.8    173.2       157     2.3    174.3
  24     0.8    301.4        91     7.6    172.1       158     2.4    172.6
  25     0.7    300.8        92     7.5    170.2       159     2.4    169.7
  26     0.7    288.9        93     7.4    168.9       160     2.5    168.3
  27     0.8    273.2        94     7.4    168.1       161     2.5    167.2
  28     0.8    259.8        95     7.2    167.7       162     2.5    167.8
  29     0.9    243.7        96     7.0    167.3       163     2.5    167.3
  30     1.0    231.4        97     6.8    166.8       164     2.5    164.1
  31     1.1    222.8        98     6.8    166.8       165     2.6    160.4
  32     1.3    215.2        99     6.7    166.6       166     2.6    159.5
  33     1.3    210.2       100     6.6    166.3       167     2.6    159.4
  34     1.4    206.0       101     6.5    166.1       168     2.6    158.3
  35     1.5    202.9       102     6.3    165.8       169     2.5    161.5
  36     1.7    197.1       103     6.2    165.5       170     2.4    169.0
  37     1.9    191.1       104     6.0    165.1       171     2.2    176.3
  38     2.0    187.2       105     5.9    166.0       172     2.2    179.4
  39     2.1    182.8       106     5.9    166.9       173     2.2    178.4
  40     2.3    179.5       107     5.9    167.4       174     2.3    175.5
  41     2.5    177.1       108     5.8    167.1       175     2.3    172.2
  42     2.6    177.9       109     5.6    166.8       176     2.4    169.5
  43     2.7    178.2       110     5.4    166.4       177     2.5    166.6
  44     2.8    178.5       111     5.3    166.1       178     2.5    165.0
  45     2.9    178.7       112     5.2    165.9       179     2.5    166.9
  46     3.0    179.0       113     5.2    165.8       180     2.3    172.5
  47     3.1    179.0       114     5.1    165.8       181     2.0    177.8
  48     3.1    177.7       115     4.9    165.9       182     1.8    179.4
  49     3.1    175.4       116     5.2    166.6       183     1.4    179.1
  50     3.2    173.9       117     5.3    167.3       184     1.4    179.5
  51     3.4    173.0       118     5.4    166.9       185     1.5    181.4
  52     3.6    172.3       119     5.4    165.0       186     1.5    185.0
  53     3.8    171.7       120     5.4    164.6       187     1.6    191.2
  54     3.8    171.5       121     5.4    164.7       188     1.6    197.6
  55     3.9    171.5       122     5.5    165.2       189     1.7    198.5
  56     3.9    171.5       123     5.4    165.6       190     1.7    200.8
  57     3.9    171.5       124     4.9    164.9       191     1.6    206.4
  58     4.4    173.5       125     4.7    163.6       192     1.6    206.1
  59     4.9    173.0       126     4.5    161.7       193     1.7    197.9
  60     5.2    170.8       127     4.3    160.9       194     1.8    193.7
  61     5.6    169.7       128     4.0    162.3       195     1.9    186.5
  62     5.9    169.1       129     3.5    161.8       196     2.0    168.6
  63     6.1    169.8       130     3.1    162.4       197     2.0    155.3
  64     6.4    170.8       131     3.0    164.3       198     2.0    146.3
  65     6.6    171.7       132     3.0    163.7       199     1.9    137.3
  66     6.8    172.1       133     3.0    165.3       200     1.2    126.7
```

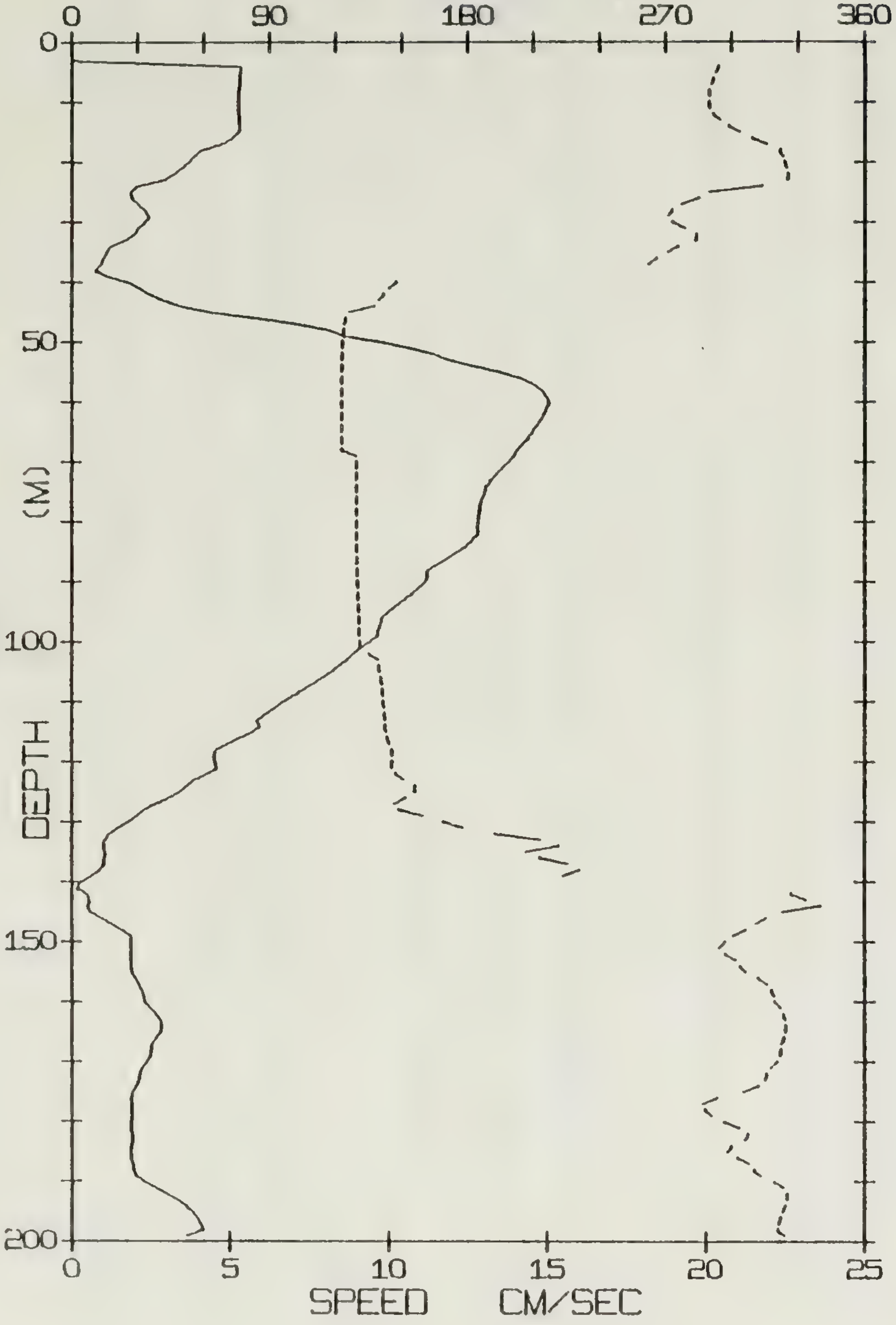

CAMP SNOWBIRD
STATION 435
DATE 28/12/75
TIME 517(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 434
DATE 27/12/75
TIME 1950(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

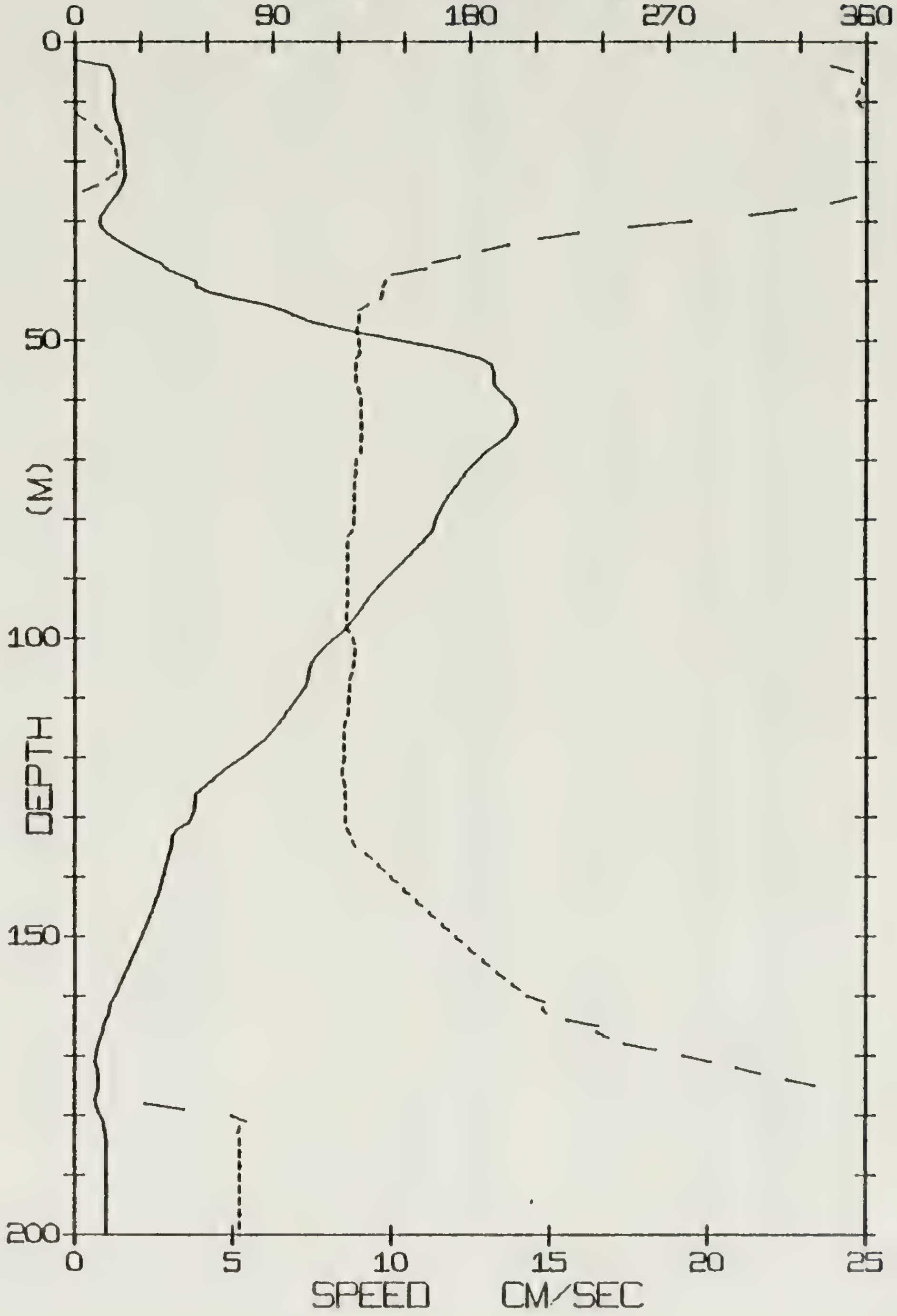
```
SNOWBIRD STATION 434      (200M.)      27/DEC/75      1950 GMT
LAT= 73.8066N  LONG= 145.0877W  LTER=     0.  LGER=     1.
NIVEL=    3.1   EIVEL=   -8.7     NVER=     0.  EVER=     0.

 DPT     SPD     DRN       DPT     SPD     DRN       DPT     SPD     DRN
   0     0.0   999.9        67     7.5   170.1       134     3.1   287.7
   1     0.0   999.9        68     7.5   166.9       135     3.1   287.0
   2     0.0   999.9        69     7.6   164.9       136     3.0   288.8
   3     0.0   999.9        70     7.7   164.4       137     2.9   291.7
   4     6.1   321.2        71     7.8   164.1       138     2.9   287.8
   5     4.4   305.7        72     7.9   163.9       139     2.9   285.7
   6     4.7   304.3        73     8.2   169.0       140     3.0   287.4
   7     5.2   313.9        74     8.2   169.3       141     3.0   287.7
   8     5.5   317.5        75     8.2   170.2       142     3.0   287.9
   9     5.6   318.8        76     8.5   171.4       143     3.0   288.1
  10     5.6   319.6        77     8.7   172.0       144     3.0   294.6
  11     5.3   318.5        78     8.6   172.3       145     3.1   293.4
  12     5.3   317.9        79     8.5   172.9       146     3.2   293.1
  13     5.1   316.7        80     8.4   173.5       147     3.3   292.8
  14     5.0   314.7        81     8.2   174.0       148     3.6   292.4
  15     4.9   313.1        82     8.1   174.5       149     3.6   293.4
  16     4.9   312.4        83     8.0   175.0       150     3.7   295.9
  17     5.0   312.1        84     7.7   172.9       151     3.7   299.2
  18     4.9   310.6        85     7.4   172.9       152     3.8   298.9
  19     4.9   309.5        86     7.3   173.8       153     3.9   294.2
  20     4.9   307.9        87     7.0   175.5       154     4.1   294.8
  21     5.0   305.9        88     6.7   177.4       155     4.2   294.2
  22     5.1   303.8        89     6.4   179.5       156     4.1   289.3
  23     5.1   301.8        90     6.1   180.7       157     4.0   287.4
  24     5.0   300.1        91     5.5   179.3       158     4.0   288.3
  25     4.9   299.3        92     5.3   181.6       159     3.9   287.5
  26     4.8   299.0        93     5.1   183.9       160     3.8   286.8
  27     4.6   299.0        94     4.9   186.4       161     3.7   288.5
  28     4.5   298.0        95     4.8   189.0       162     3.6   292.8
  29     4.4   296.4        96     4.6   192.5       163     3.6   296.2
  30     4.6   295.2        97     4.4   196.3       164     3.9   296.6
  31     4.7   294.5        98     4.2   200.5       165     4.2   298.4
  32     4.7   294.1        99     4.1   204.3       166     4.6   299.5
  33     4.4   292.4       100     3.9   207.9       167     4.7   298.9
  34     3.6   287.0       101     3.6   210.8       168     4.6   298.3
  35     3.2   278.1       102     3.5   214.4       169     4.5   300.0
  36     3.3   271.5       103     3.5   218.0       170     4.3   298.6
  37     3.3   267.4       104     3.4   220.0       171     4.4   296.2
  38     3.4   266.0       105     3.1   220.4       172     4.3   294.9
  39     3.4   265.5       106     3.1   220.7       173     4.1   295.1
  40     3.4   265.0       107     3.1   221.6       174     4.0   295.4
  41     3.5   262.1       108     2.8   224.3       175     4.0   294.7
  42     3.5   260.4       109     2.7   227.6       176     4.0   293.4
  43     3.4   257.9       110     2.7   230.2       177     4.1   295.1
  44     3.2   253.9       111     2.7   233.1       178     4.2   299.1
  45     3.0   248.8       112     2.8   234.6       179     4.2   300.1
  46     2.9   244.1       113     2.8   234.2       180     4.1   298.3
  47     2.7   239.2       114     2.8   235.4       181     3.9   297.0
  48     2.7   235.4       115     2.8   237.6       182     3.8   295.6
  49     2.6   231.3       116     2.8   239.7       183     3.6   296.7
  50     2.6   225.2       117     2.9   241.4       184     3.5   299.8
  51     3.1   217.1       118     2.8   241.5       185     3.5   300.7
  52     3.4   210.5       119     2.3   249.8       186     3.6   299.4
  53     3.5   205.7       120     2.3   254.3       187     3.7   297.6
  54     3.6   202.3       121     2.5   257.9       188     3.9   296.2
  55     3.7   199.1       122     2.7   261.2       189     4.2   297.7
  56     3.9   193.8       123     2.8   263.9       190     4.6   299.0
  57     4.2   187.9       124     3.0   266.0       191     4.9   297.6
  58     4.9   184.4       125     3.1   267.7       192     5.2   295.5
  59     5.3   179.3       126     3.1   268.5       193     5.3   295.1
  60     5.8   175.0       127     3.1   271.6       194     5.3   293.5
  61     6.2   171.8       128     3.0   277.6       195     5.0   291.5
  62     6.6   169.6       129     3.0   280.8       196     4.5   294.2
  63     6.6   169.2       130     3.0   281.7       197     4.2   300.5
  64     6.9   170.2       131     3.0   283.1       198     4.1   307.4
  65     7.2   171.2       132     3.0   287.8       199     4.2   311.4
  66     7.4   171.8       133     3.1   288.1       200     4.2   311.4
```

```
SNOWBIRD STATION 435      (195M.)      28/DEC/75       517 GMT
LAT= 73.8187N  LONG= 145.1876W  LTER=   141.  LGER=   125.
NIVEL=    4.5   EIVEL=   -9.0     NVER=     1.  EVER=     2.

 DPT     SPD     DRN       DPT     SPD     DRN       DPT     SPD     DRN
   0     0.0   999.9        67    17.7   143.9       134     1.1   327.2
   1     0.0   999.9        68    18.1   144.1       135     1.3   304.7
   2     0.0   999.9        69    18.4   143.9       136     1.5   302.8
   3     0.0   999.9        70    18.6   143.9       137     1.8   301.7
   4     8.7   311.5        71    18.8   143.8       138     2.3   302.1
   5     7.7   321.1        72    19.2   143.6       139     2.8   306.3
   6     7.3   325.6        73    19.7   143.4       140     2.8   316.4
   7     7.2   328.9        74    20.1   143.3       141     2.6   325.9
   8     7.1   330.9        75    20.3   143.4       142     2.7   324.3
   9     6.7   332.0        76    20.1   143.6       143     2.8   321.2
  10     6.7   332.6        77    19.8   144.6       144     3.3   322.4
  11     6.7   333.0        78    19.9   148.2       145     3.7   323.8
  12     6.7   333.1        79    19.9   148.4       146     3.8   324.7
  13     6.7   333.0        80    20.1   148.2       147     3.6   324.8
  14     6.4   332.0        81    20.6   151.0       148     3.1   323.2
  15     6.4   331.4        82    20.9   150.8       149     2.9   323.7
  16     6.5   330.3        83    20.9   150.7       150     2.9   323.6
  17     6.5   330.1        84    20.5   151.7       151     3.0   321.7
  18     6.5   329.8        85    20.4   155.5       152     3.2   319.3
  19     6.5   329.6        86    20.1   156.8       153     3.4   317.2
  20     6.4   329.2        87    19.7   155.1       154     3.6   315.1
  21     6.2   329.0        88    19.1   152.7       155     3.6   314.4
  22     6.2   329.4        89    18.5   152.1       156     3.5   313.3
  23     6.2   330.3        90    17.8   152.2       157     3.5   317.8
  24     6.1   331.2        91    17.3   152.5       158     3.5   324.6
  25     6.0   331.2        92    16.8   153.0       159     3.4   329.9
  26     5.8   329.9        93    16.3   153.6       160     3.1   336.4
  27     5.4   326.6        94    15.9   154.0       161     2.8   338.2
  28     5.0   322.1        95    15.5   153.9       162     2.6   339.9
  29     5.1   320.7        96    14.9   152.5       163     2.8   333.6
  30     5.1   319.3        97    14.1   150.5       164     3.1   328.1
  31     5.2   318.9        98    13.1   145.1       165     3.4   324.1
  32     5.1   318.8        99    12.2   143.3       166     3.5   322.2
  33     4.5   319.0       100    11.3   144.1       167     3.6   321.0
  34     3.8   314.7       101    10.2   145.4       168     3.6   320.5
  35     3.6   309.3       102     9.3   146.7       169     3.7   323.7
  36     3.3   307.2       103     8.6   148.2       170     3.8   323.5
  37     2.9   303.8       104     7.9   149.7       171     4.0   321.8
  38     2.6   300.4       105     7.2   151.5       172     4.2   319.7
  39     2.2   300.9       106     6.6   154.4       173     4.3   318.1
  40     1.8   301.6       107     6.0   159.3       174     4.3   319.0
  41     1.2   304.2       108     5.3   161.4       175     3.9   323.4
  42     0.5   315.9       109     4.5   160.3       176     3.6   329.3
  43     0.2    64.3       110     4.1   160.7       177     3.5   336.3
  44     0.5   101.8       111     4.1   160.5       178     3.5   338.7
  45     1.2   131.5       112     4.0   160.3       179     3.7   334.9
  46     2.2   131.9       113     4.0   160.2       180     3.7   335.4
  47     3.1   141.3       114     3.8   161.5       181     3.5   340.9
  48     3.7   138.2       115     3.2   159.1       182     3.5   340.5
  49     4.3   136.2       116     2.5   152.0       183     3.6   338.9
  50     4.9   134.8       117     1.9   132.6       184     3.8   334.8
  51     5.4   134.0       118     1.6   123.5       185     3.9   331.8
  52     5.8   133.6       119     1.3   105.8       186     3.9   332.7
  53     6.4   133.0       120     0.9   101.6       187     4.2   327.0
  54     7.1   132.3       121     0.6    91.1       188     4.3   326.3
  55     7.9   134.1       122     0.5    47.7       189     4.3   325.2
  56     8.7   136.9       123     0.7    15.3       190     4.2   327.0
  57     9.6   136.1       124     0.7     2.2       191     4.1   328.4
  58    10.4   135.4       125     0.7     4.6       192     4.3   325.0
  59    11.3   135.8       126     0.7    11.0       193     4.6   321.3
  60    12.1   139.4       127     0.7    18.1       194     5.0   317.8
  61    12.7   139.1       128     1.3    20.1       195     5.3   314.8
  62    13.3   138.7       129     1.4    15.0
  63    14.2   138.2       130     1.3   359.8
  64    15.2   139.5       131     1.2   346.1
  65    16.3   140.1       132     0.8   357.2
  66    17.0   139.8       133     0.7     4.9
```

CAMP SNOWBIRD STATION 436
DATE 28/12/75 TIME 2142(GMT)

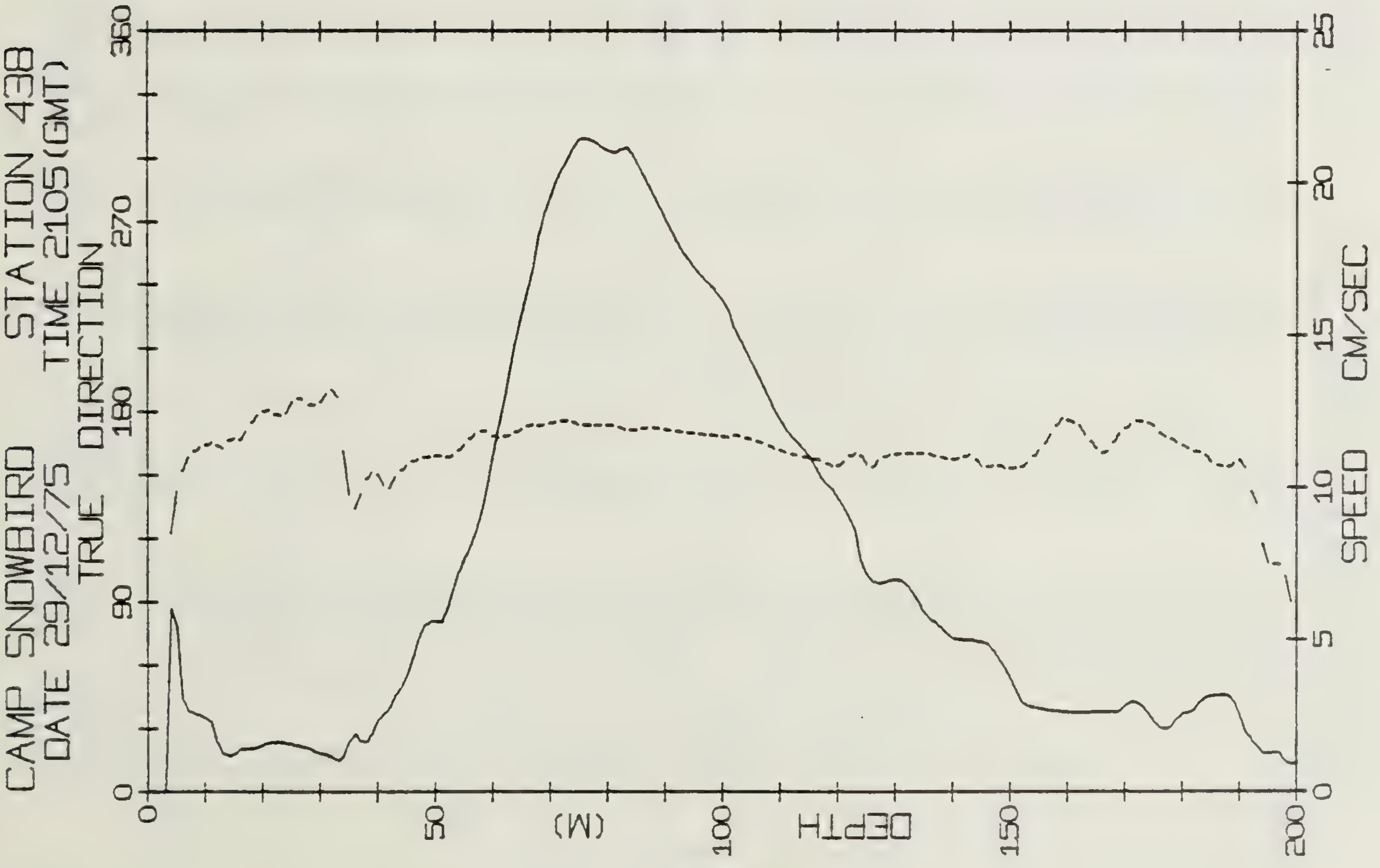


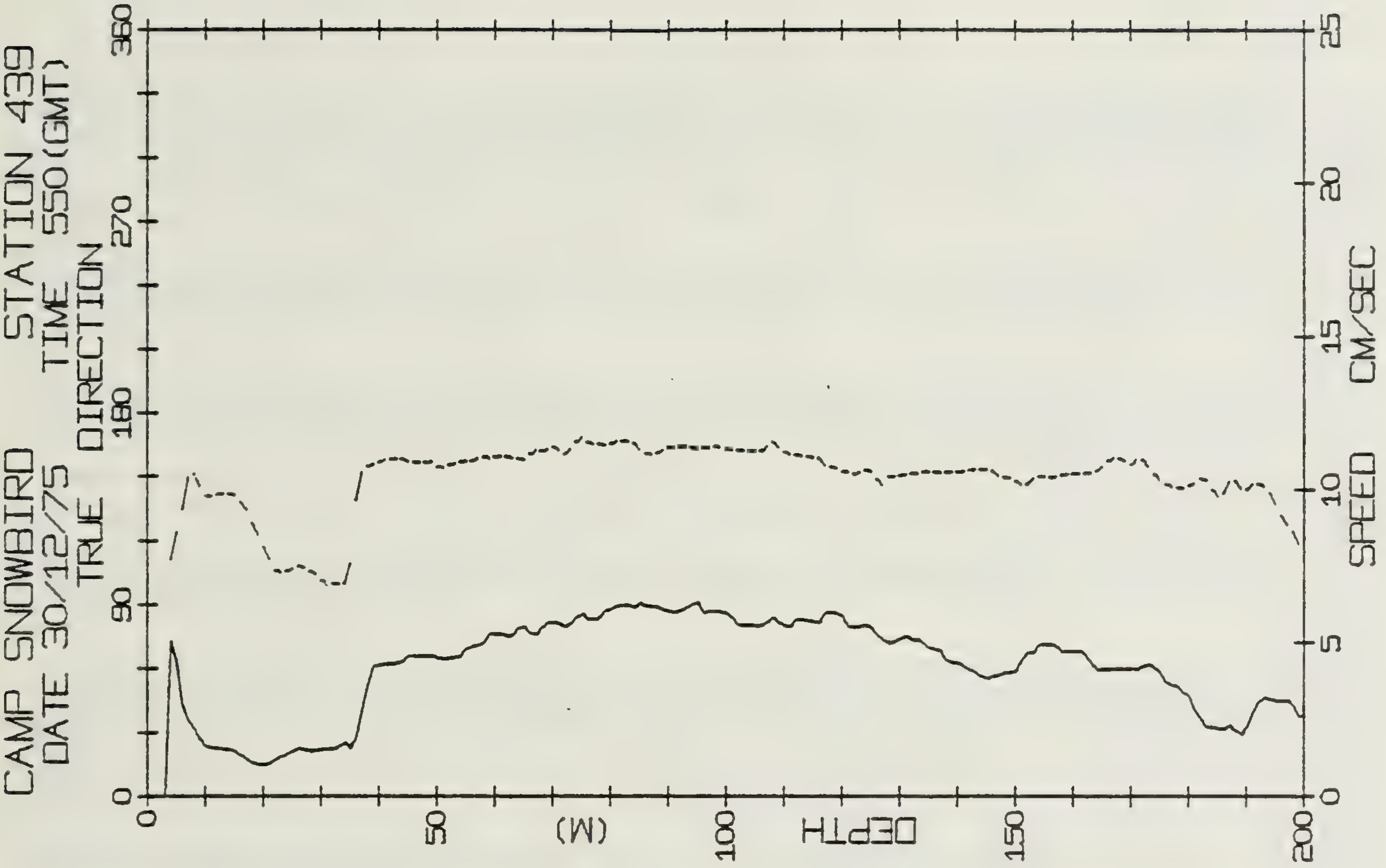
CAMP SNOWBIRD STATION 437
DATE 29/12/75 TIME 538(GMT)



```
SNOWBIRD STATION 436     (199M.)      28/DEC/75      2142 GMT
LAT= 73.8350N  LONG= 145.3240W   LTER=      1.   LGER=      2.
NIVEL=    1.6    EIVEL=  -3.2    NVER=      0    EVER=      0.

 DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
   0    0.0  999.9       67   14.2  122.6      134    1.0  221.4
   1    0.0  999.9       68   14.0  122.6      135    1.1  206.6
   2    0.0  999.9       69   13.9  129.7      136    1.0  212.9
   3    0.0  999.9       70   13.8  129.6      137    1.0  225.4
   4    5.3  293.8       71   13.6  129.6      138    0.9  230.6
   5    5.3  292.8       72   13.4  129.6      139    0.6  223.6
   6    5.3  291.6       73   13.2  129.7      140    0.3  206.5
   7    5.3  290.7       74   13.1  129.7      141    0.2  308.6
   8    5.3  289.8       75   13.0  129.7      142    0.5  326.6
   9    5.3  289.5       76   13.0  129.7      143    0.6  333.3
  10    5.3  289.7       77   12.9  129.8      144    0.5  340.0
  11    5.3  290.2       78   12.9  129.8      145    0.6  323.1
  12    5.3  291.9       79   12.8  129.8      146    0.9  315.3
  13    5.3  294.7       80   12.8  129.8      147    1.3  311.0
  14    5.3  298.6       81   12.8  129.8      148    1.6  306.3
  15    5.3  303.6       82   12.8  129.8      149    1.9  300.8
  16    5.1  309.1       83   12.6  129.8      150    1.9  296.7
  17    4.7  315.4       84   12.4  129.9      151    1.9  294.3
  18    4.1  322.0       85   12.2  129.9      152    1.9  297.1
  19    3.9  323.3       86   11.9  130.0      153    1.9  301.5
  20    3.7  324.2       87   11.6  130.1      154    1.9  303.8
  21    3.5  325.1       88   11.2  130.2      155    1.9  306.2
  22    3.2  325.6       89   11.2  130.2      156    2.0  311.9
  23    2.9  325.1       90   11.1  130.2      157    2.1  315.8
  24    2.0  313.7       91   11.0  130.4      158    2.2  318.1
  25    1.9  290.0       92   10.7  130.5      159    2.3  319.3
  26    1.9  285.0       93   10.5  130.5      160    2.3  319.9
  27    2.1  277.5       94   10.2  130.8      161    2.5  322.2
  28    2.3  272.9       95   10.0  130.9      162    2.7  323.6
  29    2.4  271.2       96    9.8  131.1      163    2.8  324.4
  30    2.3  273.1       97    9.7  131.1      164    2.8  324.6
  31    2.1  278.6       98    9.7  131.1      165    2.8  324.4
  32    2.0  283.9       99    9.6  131.3      166    2.7  323.6
  33    1.7  283.5      100    9.4  131.4      167    2.5  322.5
  34    1.2  275.7      101    9.1  131.6      168    2.5  322.2
  35    1.1  271.1      102    8.9  135.2      169    2.5  321.8
  36    1.0  265.9      103    8.7  139.6      170    2.4  320.4
  37    0.9  262.2      104    8.4  139.9      171    2.2  317.7
  38    0.7  246.2      105    8.2  140.3      172    2.1  315.8
  39    1.1  160.9      106    7.9  140.8      173    2.1  314.7
  40    1.8  147.6      107    7.6  141.2      174    2.0  312.2
  41    2.2  144.2      108    7.3  141.4      175    1.9  305.4
  42    2.5  141.9      109    7.0  141.8      176    1.9  293.3
  43    2.9  139.7      110    6.7  142.0      177    1.9  287.0
  44    3.5  137.6      111    6.4  142.3      178    1.9  287.8
  45    4.4  126.8      112    6.1  142.5      179    1.9  290.9
  46    5.9  124.4      113    5.9  142.8      180    1.9  296.6
  47    7.2  123.8      114    5.9  142.7      181    1.9  303.0
  48    8.2  123.5      115    5.7  143.0      182    1.9  307.0
  49    8.6  123.4      116    5.3  143.8      183    1.9  306.0
  50    9.8  123.2      117    4.9  144.7      184    1.9  300.0
  51   10.7  123.0      118    4.5  145.7      185    1.9  298.1
  52   11.5  122.9      119    4.5  145.9      186    1.9  302.7
  53   11.9  122.8      120    4.5  145.7      187    1.9  307.8
  54   12.7  122.8      121    4.6  145.5      188    2.0  310.1
  55   13.5  122.7      122    4.3  147.4      189    2.0  312.7
  56   14.2  122.6      123    3.9  150.9      190    2.3  319.3
  57   14.6  122.6      124    3.6  156.2      191    2.7  323.6
  58   14.9  122.6      125    3.4  156.4      192    3.0  325.0
  59   15.0  122.6      126    3.1  151.6      193    3.3  324.9
  60   15.1  122.5      127    2.6  147.0      194    3.6  324.0
  61   15.0  122.6      128    2.3  148.7      195    3.8  323.0
  62   14.9  122.6      129    2.0  160.1      196    4.0  322.0
  63   14.8  122.6      130    1.8  169.0      197    4.1  321.1
  64   14.7  122.6      131    1.5  177.9      198    4.2  320.5
  65   14.5  122.6      132    1.2  192.3      199    3.7  323.8
  66   14.4  122.6      133    1.0  213.1
```

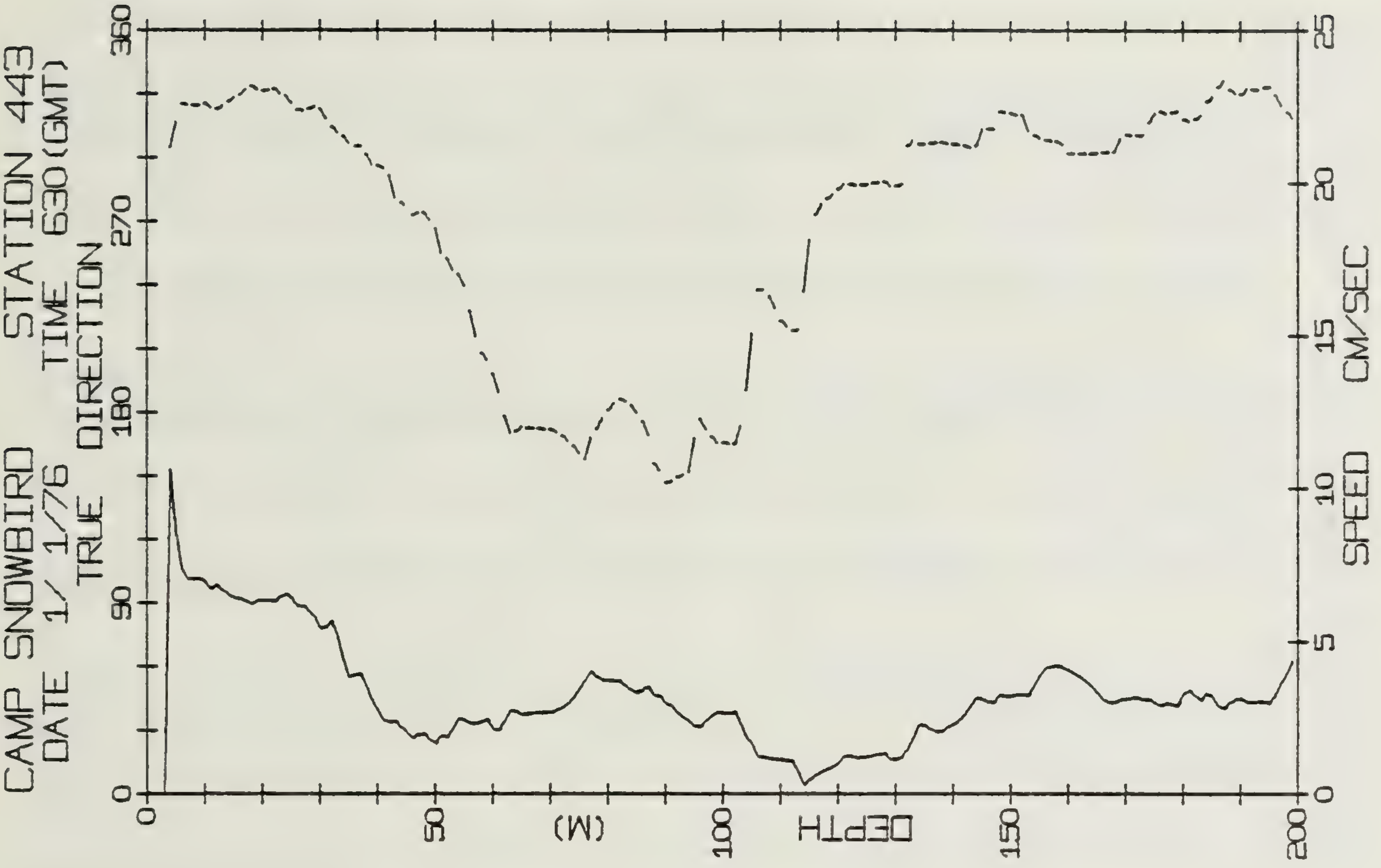
```
SNOWBIRD STATION 437     (200M.)      29/DEC/75       538 GMT
LAT= 73.8352N  LONG= 145.3369W   LTER=      0.   LGER=      0.
NIVEL=   -0.3    EIVEL=   1.2    NVER=      0.   EVER=      0.

 DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
   0    0.0  999.9       67   13.4  130.1      134    3.1  126.6
   1    0.0  999.9       68   13.1  130.1      135    3.1  128.0
   2    0.0  999.9       69   12.9  129.9      136    3.0  132.5
   3    0.0  999.9       70   12.7  128.0      137    2.9  135.3
   4    1.1  344.3       71   12.6  127.5      138    2.9  138.1
   5    1.2  353.7       72   12.4  127.5      139    2.8  140.9
   6    1.2  357.9       73   12.2  127.4      140    2.8  143.8
   7    1.3  358.7       74   12.1  127.3      141    2.7  146.7
   8    1.2  356.6       75   11.9  127.2      142    2.7  149.6
   9    1.2  355.3       76   11.8  127.2      143    2.6  152.5
  10    1.2  356.3       77   11.7  127.1      144    2.5  155.4
  11    1.3  358.1       78   11.6  127.0      145    2.5  158.3
  12    1.3    0.5       79   11.5  127.0      146    2.4  161.3
  13    1.3    4.3       80   11.4  126.9      147    2.3  164.2
  14    1.4    9.1       81   11.3  126.9      148    2.2  167.2
  15    1.5   11.4       82   11.3  126.1      149    2.2  170.2
  16    1.5   13.9       83   11.1  124.2      150    2.1  173.2
  17    1.5   16.4       84   10.9  124.1      151    2.0  176.2
  18    1.6   18.4       85   10.8  124.1      152    1.9  179.3
  19    1.6   19.3       86   10.6  124.1      153    1.8  182.4
  20    1.6   19.6       87   10.4  124.1      154    1.8  185.6
  21    1.6   19.2       88   10.2  124.1      155    1.7  188.8
  22    1.6   18.5       89   10.0  124.1      156    1.6  192.1
  23    1.5   14.8       90    9.8  124.0      157    1.5  195.4
  24    1.5   10.0       91    9.6  124.0      158    1.4  198.9
  25    1.4    3.5       92    9.5  124.0      159    1.3  202.4
  26    1.2  354.9       93    9.3  123.9      160    1.3  206.1
  27    1.1  343.5       94    9.2  123.9      161    1.1  214.0
  28    0.9  327.9       95    9.0  123.8      162    1.1  213.1
  29    0.8  306.7       96    8.9  123.8      163    1.1  214.9
  30    0.8  279.9       97    8.8  123.7      164    1.0  224.0
  31    0.8  251.8       98    8.6  123.8      165    0.9  238.2
  32    1.0  228.7       99    8.4  125.0      166    0.9  237.6
  33    1.3  211.1      100    8.2  126.6      167    0.8  243.1
  34    1.6  197.1      101    8.0  127.6      168    0.7  250.0
  35    1.9  185.4      102    7.8  127.6      169    0.7  264.7
  36    2.3  174.9      103    7.6  127.4      170    0.6  276.9
  37    2.7  162.6      104    7.5  127.1      171    0.6  289.5
  38    2.9  159.8      105    7.4  126.5      172    0.7  301.0
  39    3.3  144.2      106    7.4  125.7      173    0.8  311.9
  40    3.8  141.2      107    7.3  124.9      174    0.7  324.0
  41    3.9  139.8      108    7.3  124.9      175    0.7  336.5
  42    4.3  139.7      109    7.2  124.8      176    0.7  353.1
  43    5.1  138.8      110    7.0  124.7      177    0.6   16.4
  44    6.0  133.4      111    6.9  124.6      178    0.7   31.9
  45    6.6  129.2      112    6.7  124.5      179    0.7   50.0
  46    7.0  129.3      113    6.6  124.3      180    0.8   71.4
  47    7.5  129.0      114    6.5  123.1      181    0.9   78.2
  48    8.3  128.2      115    6.3  122.1      182    1.0   75.2
  49    9.3  128.7      116    6.1  122.1      183    1.0   74.1
  50   10.3  129.1      117    6.0  122.4      184    1.0   75.1
  51   11.3  129.5      118    5.8  122.7      185    1.0   75.3
  52   12.1  129.8      119    5.5  122.9      186    1.0   75.3
  53   12.8  127.8      120    5.3  122.5      187    1.0   75.3
  54   13.1  127.8      121    5.0  121.9      188    1.0   75.3
  55   13.2  127.8      122    4.7  121.4      189    1.0   75.3
  56   13.2  127.8      123    4.5  121.8      190    1.0   75.3
  57   13.2  127.8      124    4.3  122.8      191    1.0   75.3
  58   13.3  129.0      125    4.1  123.5      192    1.0   75.3
  59   13.5  130.1      126    3.8  123.4      193    1.0   75.3
  60   13.7  130.2      127    3.8  123.2      194    1.0   75.3
  61   13.9  130.3      128    3.8  123.2      195    1.0   75.3
  62   13.9  130.4      129    3.8  123.1      196    1.0   75.3
  63   14.0  130.4      130    3.7  123.0      197    1.0   75.3
  64   13.9  130.4      131    3.6  123.5      198    1.0   75.3
  65   13.8  130.3      132    3.2  124.4      199    1.0   75.3
  66   13.6  130.3      133    3.1  125.7      200    1.0   75.3
```

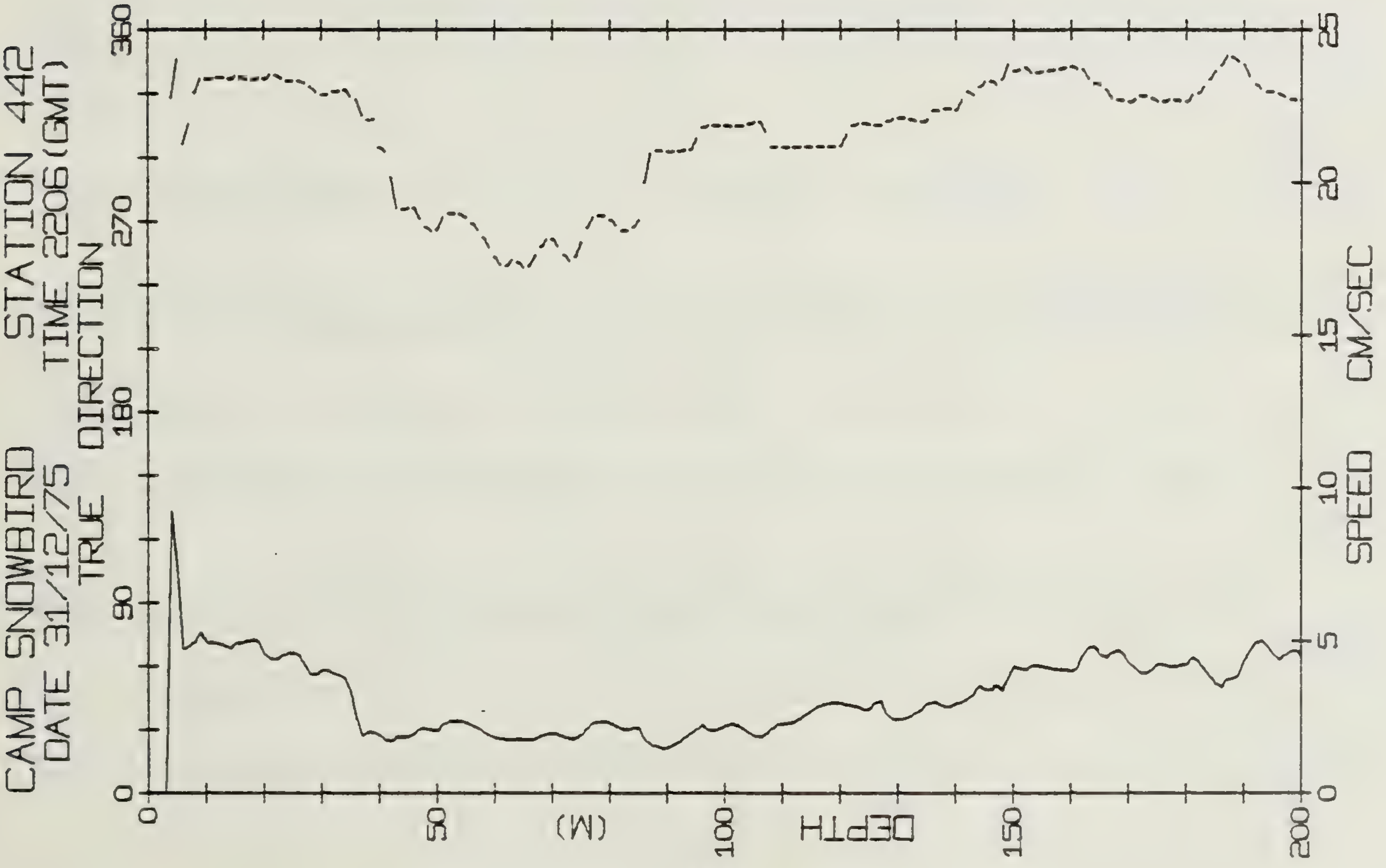

CAMP SNOWBIRD
STATION 438
DATE 29/12/75
TIME 2105(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD
STATION 439
DATE 30/12/75
TIME 550(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 438     (200M.)      29/DEC/75      2105 GMT
LAT= 73.8223N  LONG= 145.2508W  LTER=     1.   LGER=      2.
NIVEL=   -1.8   EIVEL=    6.5    NVER=     0.   EVER=      0.

DPT    SPD    DRN     DPT    SPD    DRN     DPT    SPD    DRN
  0    0.0  999.9      67   17.2  174.2     134    6.3  160.4
  1    0.0  999.9      68   18.3  173.4     135    5.9  160.5
  2    0.0  999.9      69   19.0  174.2     136    5.7  159.7
  3    0.0  999.9      70   19.6  174.8     137    5.6  158.7
  4    6.0  122.6      71   20.1  175.3     138    5.4  158.1
  5    5.5  141.9      72   20.5  175.7     139    5.2  157.4
  6    3.1  151.8      73   20.8  176.0     140    5.0  157.2
  7    2.7  158.1      74   21.2  175.0     141    5.0  157.9
  8    2.6  161.4      75   21.5  173.6     142    5.0  158.9
  9    2.5  163.1      76   21.5  173.7     143    5.0  160.0
 10    2.4  164.2      77   21.4  173.7     144    4.9  157.2
 11    2.3  165.3      78   21.3  173.6     145    4.9  153.9
 12    1.6  164.0      79   21.2  173.6     146    4.8  153.7
 13    1.3  162.4      80   21.1  173.5     147    4.7  154.3
 14    1.2  166.4      81   21.0  173.5     148    4.4  154.3
 15    1.2  167.3      82   21.1  172.7     149    4.1  153.1
 16    1.4  166.6      83   21.2  171.4     150    3.7  153.0
 17    1.4  170.3      84   21.0  171.3     151    3.3  153.7
 18    1.4  174.7      85   20.7  171.7     152    2.9  153.9
 19    1.5  178.0      86   20.3  172.3     153    2.8  156.0
 20    1.6  180.0      87   20.0  172.6     154    2.8  158.9
 21    1.6  180.9      88   19.6  172.3     155    2.7  161.8
 22    1.6  178.7      89   19.2  171.9     156    2.7  164.9
 23    1.6  178.0      90   18.8  171.5     157    2.7  168.9
 24    1.6  179.4      91   18.4  171.0     158    2.6  173.4
 25    1.6  184.0      92   18.1  170.7     159    2.6  176.7
 26    1.5  186.0      93   17.7  170.3     160    2.6  175.6
 27    1.5  185.3      94   17.5  170.0     161    2.6  174.5
 28    1.4  183.2      95   17.2  169.6     162    2.6  173.2
 29    1.3  183.0      96   17.0  169.4     163    2.6  169.5
 30    1.2  184.5      97   16.8  169.1     164    2.6  166.1
 31    1.2  188.5      98   16.6  168.8     165    2.6  162.8
 32    1.1  190.3      99   16.4  168.5     166    2.6  160.6
 33    1.0  187.1     100   16.1  168.1     167    2.6  161.5
 34    1.2  161.4     101   15.8  167.6     168    2.6  165.6
 35    1.7  141.0     102   15.2  169.1     169    2.7  169.5
 36    1.9  134.3     103   14.9  168.3     170    2.8  172.2
 37    1.7  140.8     104   14.5  167.5     171    3.0  173.8
 38    1.6  148.2     105   14.1  166.7     172    2.9  175.5
 39    1.9  150.9     106   13.8  165.8     173    2.8  175.0
 40    2.4  150.0     107   13.4  164.8     174    2.6  174.5
 41    2.6  145.3     108   12.9  163.7     175    2.3  173.1
 42    2.8  144.0     109   12.5  162.5     176    2.1  169.9
 43    3.2  149.0     110   12.2  161.6     177    2.1  168.0
 44    3.4  152.1     111   11.9  160.7     178    2.2  167.0
 45    3.8  154.3     112   11.7  159.8     179    2.4  165.5
 46    4.4  156.3     113   11.5  159.2     180    2.6  163.9
 47    5.0  157.5     114   11.3  158.3     181    2.6  162.5
 48    5.5  158.4     115   11.0  157.4     182    2.7  161.2
 49    5.6  158.9     116   10.7  157.2     183    3.0  160.6
 50    5.6  159.4     117   10.4  156.6     184    3.1  159.2
 51    5.6  158.8     118   10.1  155.3     185    3.2  155.9
 52    6.0  158.5     119   10.0  153.9     186    3.2  154.3
 53    6.6  159.8     120    9.7  154.3     187    3.2  153.6
 54    7.2  161.8     121    9.4  156.2     188    3.1  153.8
 55    7.7  164.3     122    9.0  159.1     189    3.0  155.4
 56    8.0  167.3     123    8.6  160.5     190    2.5  156.7
 57    8.5  169.7     124    7.6  159.2     191    2.0  152.9
 58    9.2  170.9     125    7.1  155.2     192    1.7  142.2
 59   10.0  171.1     126    6.9  153.8     193    1.5  136.5
 60   11.0  168.8     127    6.9  156.5     194    1.3  117.3
 61   12.0  167.7     128    6.9  158.4     195    1.3  108.5
 62   12.8  168.5     129    7.0  159.8     196    1.3  107.8
 63   13.9  169.2     130    7.0  160.3     197    1.2  107.7
 64   14.9  170.6     131    6.9  160.3     198    1.0  102.0
 65   15.7  172.0     132    6.8  160.1     199    0.9   89.9
 66   16.4  173.2     133    6.5  160.2     200    1.0   91.1
```

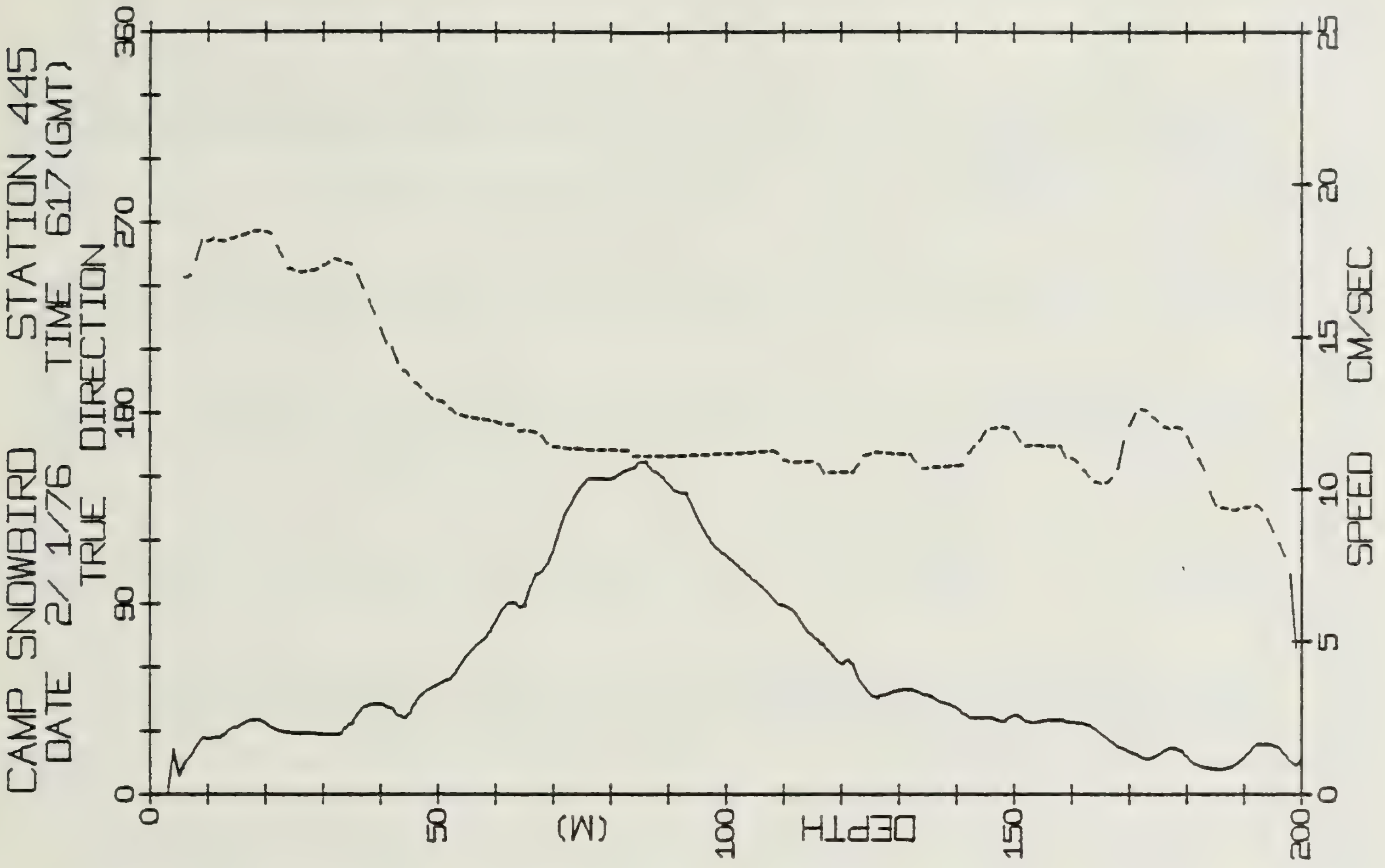
```
SNOWBIRD STATION 439     (200M.)      30/DEC/75       550 GMT
LAT= 73.8182N  LONG= 145.1874W  LTER=     0.   LGER=      0
NIVEL=   -0.6   EIVEL=    6.2    NVER=     0.   EVER=      0.

DPT    SPD    DRN     DPT    SPD    DRN     DPT    SPD    DRN
  0    0.0  999.9      67    5.3  162.5     134    5.0  152.5
  1    0.0  999.9      68    5.5  162.3     135    4.8  152.6
  2    0.0  999.9      69    5.7  163.2     136    4.8  152.3
  3    0.0  999.9      70    5.7  164.2     137    4.7  152.0
  4    5.0  111.3      71    5.6  162.7     138    4.4  152.5
  5    4.4  123.7      72    5.5  161.1     139    4.4  152.6
  6    3.0  134.7      73    5.6  163.2     140    4.3  152.6
  7    2.5  149.5      74    5.8  166.5     141    4.2  153.1
  8    2.2  151.3      75    6.0  168.4     142    4.1  153.4
  9    1.9  145.6      76    5.8  166.4     143    4.0  153.6
 10    1.6  141.1      77    5.8  165.3     144    3.9  153.7
 11    1.6  141.0      78    5.8  165.5     145    3.9  153.6
 12    1.5  142.0      79    6.0  164.9     146    3.9  152.5
 13    1.5  142.5      80    6.1  165.8     147    4.0  150.5
 14    1.5  142.1      81    6.2  167.0     148    4.0  149.8
 15    1.4  141.2      82    6.3  167.3     149    4.1  149.3
 16    1.3  138.4      83    6.2  166.7     150    4.1  148.1
 17    1.2  134.8      84    6.2  165.9     151    4.4  146.6
 18    1.1  128.2      85    6.3  163.2     152    4.7  147.0
 19    1.0  123.4      86    6.2  161.2     153    4.7  149.4
 20    1.0  117.3      87    6.2  160.7     154    4.9  150.4
 21    1.1  111.7      88    6.1  161.7     155    5.0  150.0
 22    1.2  106.2      89    6.1  163.0     156    5.0  149.9
 23    1.3  105.1      90    6.0  164.0     157    4.9  150.5
 24    1.4  105.9      91    6.0  164.3     158    4.7  151.3
 25    1.5  107.1      92    6.1  164.4     159    4.7  151.6
 26    1.6  108.3      93    6.2  164.4     160    4.7  151.7
 27    1.5  107.3      94    6.3  163.8     161    4.7  151.9
 28    1.5  105.8      95    6.3  163.2     162    4.6  152.0
 29    1.5  104.4      96    6.0  164.0     163    4.4  152.4
 30    1.5  101.7      97    6.0  164.2     164    4.2  153.3
 31    1.6   99.0      98    6.1  164.6     165    4.1  155.0
 32    1.5  100.0      99    6.0  163.9     166    4.2  157.6
 33    1.6   99.5     100    5.9  163.1     167    4.2  159.2
 34    1.8  100.2     101    5.8  162.6     168    4.2  158.8
 35    1.6  109.1     102    5.6  162.5     169    4.2  157.3
 36    1.9  139.3     103    5.6  162.2     170    4.2  156.2
 37    2.8  152.0     104    5.6  162.2     171    4.2  158.4
 38    3.6  154.9     105    5.6  162.1     172    4.3  158.3
 39    4.2  156.3     106    5.6  162.3     173    4.3  155.2
 40    4.3  157.2     107    5.7  164.6     174    4.2  151.4
 41    4.3  158.5     108    5.8  166.5     175    4.0  148.6
 42    4.3  158.8     109    5.7  164.2     176    3.7  146.9
 43    4.4  158.9     110    5.6  162.0     177    3.6  145.6
 44    4.4  158.5     111    5.6  160.7     178    3.6  144.9
 45    4.6  157.3     112    5.8  160.3     179    3.4  145.0
 46    4.6  156.8     113    5.7  160.0     180    3.3  146.4
 47    4.6  156.8     114    5.7  159.5     181    2.8  147.4
 48    4.6  157.1     115    5.7  159.1     182    2.5  149.2
 49    4.6  157.4     116    5.7  158.5     183    2.3  148.4
 50    4.5  154.8     117    6.0  155.9     184    2.2  144.3
 51    4.5  154.0     118    6.0  154.7     185    2.2  141.4
 52    4.5  155.6     119    5.9  153.9     186    2.2  142.7
 53    4.6  156.6     120    5.9  152.6     187    2.3  148.1
 54    4.6  157.5     121    5.6  152.2     188    2.2  148.6
 55    4.8  157.2     122    5.5  151.5     189    2.0  144.6
 56    4.9  158.0     123    5.6  152.2     190    2.2  144.1
 57    4.9  159.0     124    5.6  153.4     191    2.7  146.7
 58    5.0  159.7     125    5.5  152.5     192    3.1  146.8
 59    5.3  158.8     126    5.3  148.8     193    3.2  145.6
 60    5.3  159.7     127    5.1  146.1     194    3.2  142.5
 61    5.3  159.9     128    5.0  150.1     195    3.1  137.6
 62    5.2  159.4     129    5.0  150.6     196    3.1  132.1
 63    5.3  158.9     130    5.2  150.9     197    3.1  127.5
 64    5.5  158.3     131    5.2  151.3     198    3.0  124.5
 65    5.6  158.2     132    5.1  151.8     199    2.6  118.9
 66    5.3  160.9     133    5.1  151.9     200    2.6  118.9
```

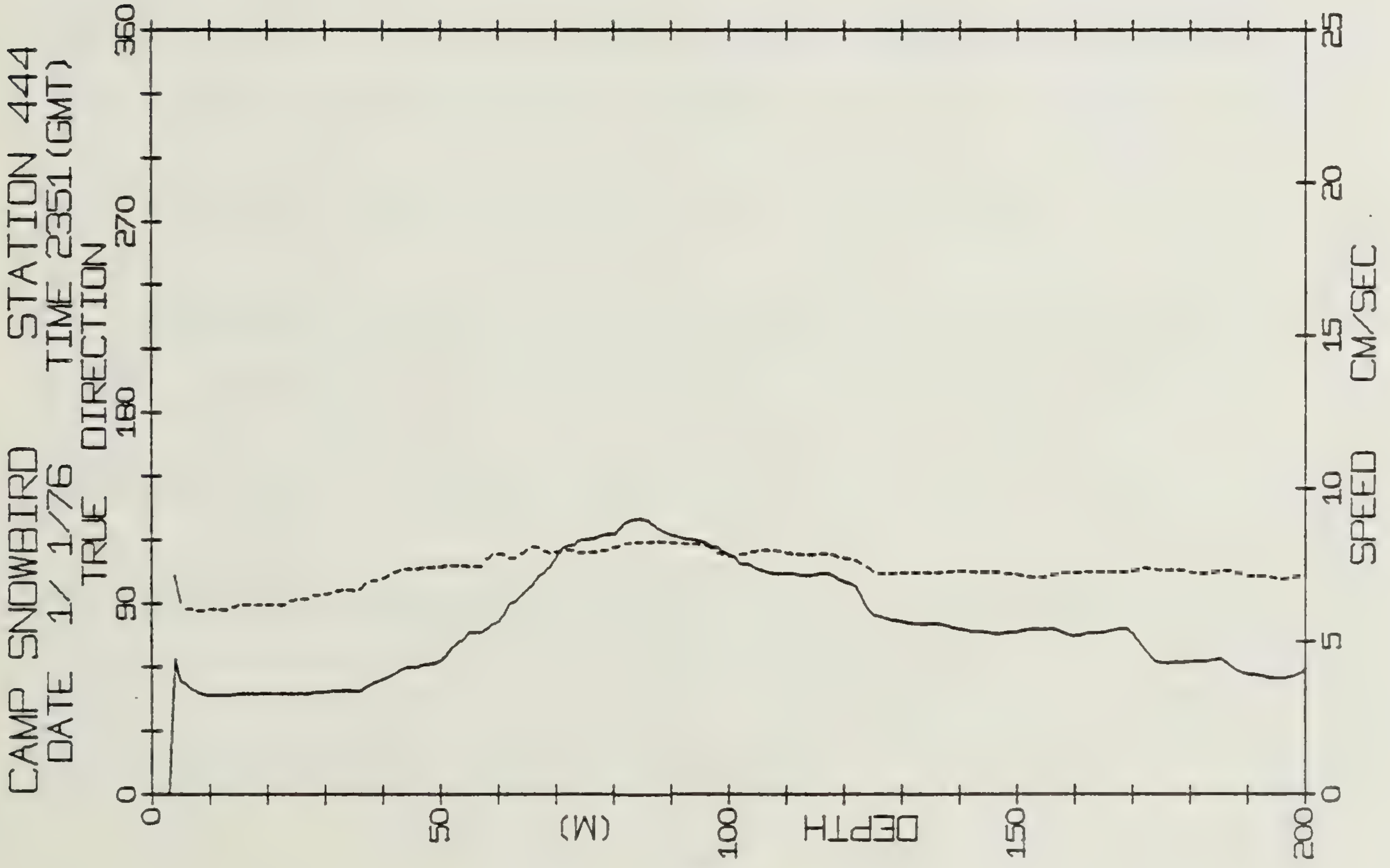

CAMP SNOWBIRD STATION 443
DATE 1/ 1/76 TIME 630(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 442
DATE 31/12/75 TIME 2206(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 442     (200M.)     31/DEC/75      2206 GMT
LAT= 73.8422N  LONG= 145.2039W  LTER=     12.  LGER=     35.
NIVEL=    6.2  EIVEL=   -8.3    NVER=      0.  EVER=      1.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   1.8  253.4     134   2.7  316.5
  1   0.0  999.9      68   1.9  257.8     135   2.9  318.0
  2   0.0  999.9      69   2.0  261.0     136   3.0  322.2
  3   0.0  999.9      70   2.0  261.5     137   2.9  322.4
  4   9.2  328.2      71   1.9  258.0     138   2.8  323.0
  5   7.4  346.2      72   1.8  254.1     139   2.9  322.8
  6   4.7  306.4      73   1.8  251.2     140   3.0  322.2
  7   4.8  315.5      74   1.8  253.2     141   3.0  327.2
  8   5.0  330.2      75   1.9  259.7     142   3.1  330.9
  9   5.3  336.9      76   2.1  266.8     143   3.3  329.4
 10   5.0  336.7      77   2.3  271.5     144   3.5  333.3
 11   4.9  337.2      78   2.4  272.7     145   3.4  335.6
 12   4.9  337.7      79   2.4  272.6     146   3.4  336.1
 13   4.8  337.4      80   2.3  270.8     147   3.6  334.3
 14   4.7  336.6      81   2.2  268.4     148   3.4  336.8
 15   4.9  338.2      82   2.1  265.7     149   3.7  343.7
 16   5.0  337.5      83   2.1  265.7     150   4.1  340.8
 17   5.0  336.6      84   2.1  267.2     151   4.1  341.4
 18   5.0  336.3      85   2.1  270.5     152   4.0  342.2
 19   5.0  337.6      86   1.8  288.1     153   4.2  339.9
 20   4.6  336.9      87   1.6  301.8     154   4.2  339.9
 21   4.4  338.6      88   1.6  303.3     155   4.1  340.4
 22   4.4  338.7      89   1.5  303.0     156   4.1  340.9
 23   4.5  337.0      90   1.5  303.0     157   4.1  341.3
 24   4.6  336.0      91   1.6  303.1     158   4.0  341.8
 25   4.6  336.0      92   1.7  303.2     159   4.0  342.4
 26   4.5  335.8      93   1.8  303.7     160   4.0  343.0
 27   4.2  334.7      94   2.0  303.9     161   4.1  341.5
 28   3.9  333.2      95   2.1  308.6     162   4.5  341.0
 29   3.9  330.8      96   2.3  314.0     163   4.8  337.2
 30   4.0  329.4      97   2.1  315.0     164   4.8  335.0
 31   4.0  329.7      98   2.1  315.0     165   4.6  334.1
 32   3.9  330.9      99   2.1  314.9     166   4.4  332.1
 33   3.9  331.1     100   2.2  314.7     167   4.6  328.3
 34   3.8  331.9     101   2.3  314.5     168   4.7  327.1
 35   3.4  329.0     102   2.2  314.7     169   4.6  326.7
 36   2.5  327.5     103   2.1  315.2     170   4.3  325.9
 37   1.9  320.1     104   2.0  315.9     171   4.1  327.4
 38   2.0  318.0     105   1.9  316.6     172   4.0  329.0
 39   2.0  318.2     106   1.8  316.9     173   4.0  329.0
 40   1.9  304.7     107   1.9  312.0     174   4.1  327.9
 41   1.8  303.0     108   2.1  304.8     175   4.2  326.3
 42   1.7  290.7     109   2.3  305.0     176   4.2  326.6
 43   1.9  276.3     110   2.3  304.9     177   4.1  327.3
 44   1.8  275.4     111   2.3  304.9     178   4.2  326.8
 45   1.9  276.3     112   2.4  304.9     179   4.2  326.5
 46   2.0  276.2     113   2.5  305.0     180   4.3  326.1
 47   2.1  271.4     114   2.6  305.1     181   4.4  329.1
 48   2.1  267.2     115   2.7  305.2     182   4.3  330.3
 49   2.1  265.6     116   2.9  305.3     183   4.1  333.3
 50   2.1  266.2     117   2.9  305.3     184   3.8  336.9
 51   2.3  271.7     118   3.0  305.4     185   3.6  340.6
 52   2.4  273.7     119   3.0  305.4     186   3.5  343.4
 53   2.4  273.7     120   2.9  305.5     187   3.7  348.0
 54   2.4  273.2     121   2.9  310.5     188   3.8  347.4
 55   2.3  271.5     122   2.9  315.0     189   3.9  345.5
 56   2.2  269.2     123   2.8  315.9     190   4.3  343.6
 57   2.1  266.4     124   2.7  315.8     191   4.7  338.3
 58   2.0  262.3     125   2.8  315.3     192   4.9  334.2
 59   1.9  257.7     126   3.0  314.9     193   5.0  332.0
 60   1.8  252.9     127   3.0  315.3     194   4.8  331.1
 61   1.8  249.6     128   2.6  317.0     195   4.6  330.9
 62   1.8  248.9     129   2.4  318.1     196   4.4  329.9
 63   1.8  251.5     130   2.4  318.8     197   4.5  328.6
 64   1.8  250.4     131   2.5  318.5     198   4.6  327.5
 65   1.7  248.4     132   2.5  318.0     199   4.7  327.1
 66   1.8  249.2     133   2.6  317.2     200   4.4  329.3
```

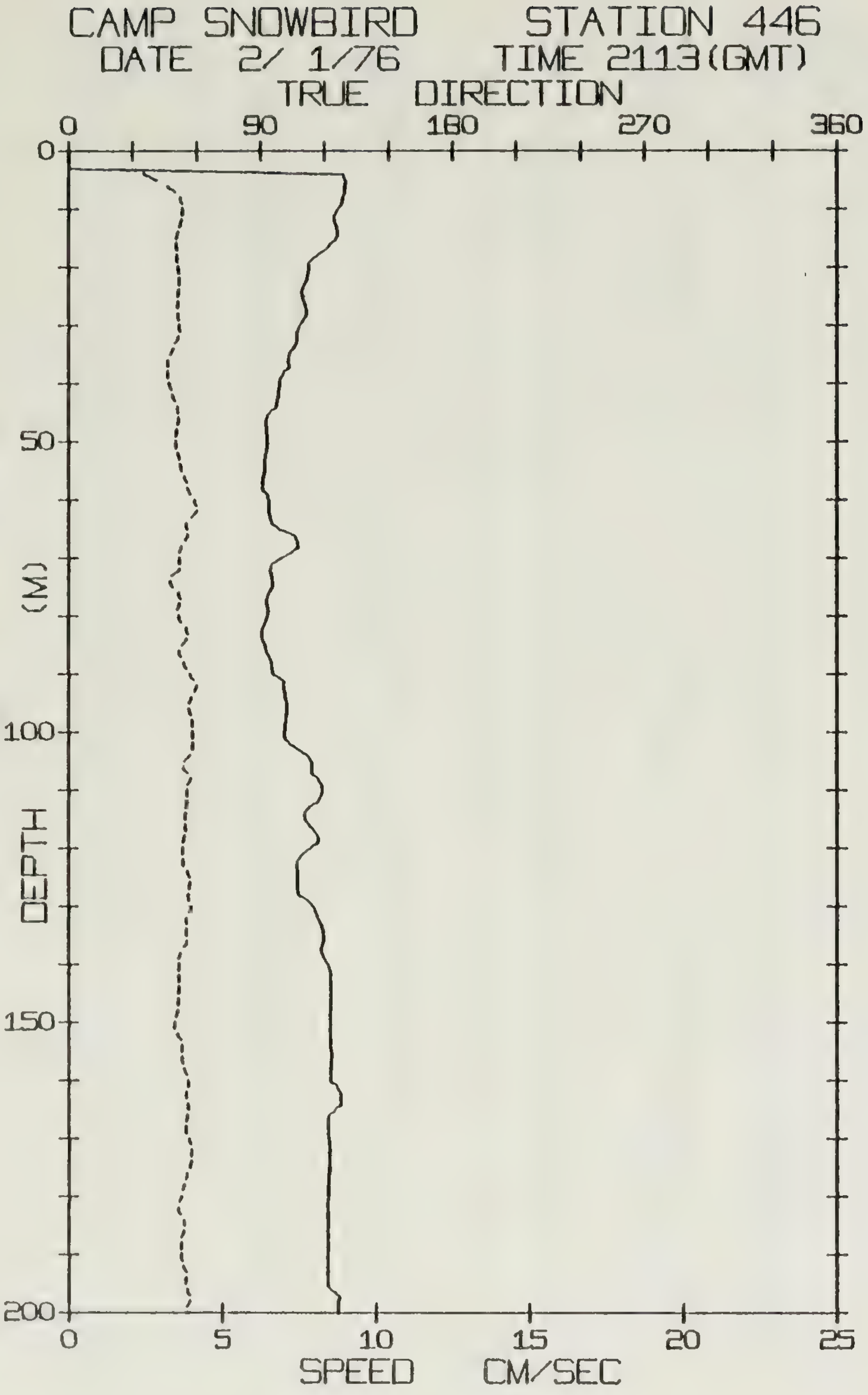
```
SNOWBIRD STATION 443     (199M.)      1/JAN/76       630 GMT
LAT= 73.8618N  LONG= 145.3078W  LTER=      1.  LGER=      2.
NIVEL=    6.1  EIVEL= -10.7     NVER=      0.  EVER=      0.

DPT   SPD   DRN      DPT   SPD   DRN      DPT   SPD   DRN
  0   0.0  999.9      67   2.7  172.0     134   2.3  306.5
  1   0.0  999.9      68   2.7  171.8     135   2.2  306.5
  2   0.0  999.9      69   2.7  171.7     136   2.1  306.9
  3   0.0  999.9      70   2.7  171.7     137   2.0  307.3
  4  10.6  304.8      71   2.7  170.4     138   2.1  307.1
  5   8.6  316.5      72   2.8  168.7     139   2.2  306.4
  6   7.4  325.4      73   3.0  166.5     140   2.3  306.1
  7   7.0  324.8      74   3.2  163.9     141   2.4  305.9
  8   7.0  324.7      75   3.4  160.6     142   2.6  305.4
  9   7.0  324.5      76   3.7  157.9     143   2.9  304.6
 10   6.9  325.5      77   4.0  167.5     144   3.2  305.6
 11   6.7  323.6      78   3.8  172.2     145   3.1  313.2
 12   6.8  322.7      79   3.7  176.6     146   3.0  313.8
 13   6.7  324.5      80   3.7  180.9     147   3.0  313.7
 14   6.5  326.5      81   3.7  184.2     148   3.3  321.7
 15   6.4  328.2      82   3.7  186.0     149   3.2  321.6
 16   6.4  329.6      83   3.5  184.9     150   3.2  320.9
 17   6.3  332.0      84   3.4  183.1     151   3.3  320.3
 18   6.2  333.8      85   3.3  179.5     152   3.3  320.1
 19   6.3  332.1      86   3.4  175.8     153   3.2  312.7
 20   6.4  331.5      87   3.5  169.3     154   3.6  310.8
 21   6.3  332.1      88   3.2  155.8     155   3.9  309.3
 22   6.3  332.6      89   3.2  152.6     156   4.1  308.2
 23   6.5  330.3      90   3.0  146.8     157   4.2  307.8
 24   6.6  329.0      91   2.9  147.4     158   4.2  307.5
 25   6.4  325.6      92   2.7  149.2     159   4.1  306.0
 26   6.2  322.7      93   2.5  150.6     160   4.0  302.2
 27   6.2  322.0      94   2.4  152.0     161   3.9  301.7
 28   6.0  323.0      95   2.2  167.4     162   3.8  301.8
 29   5.8  324.3      96   2.2  176.3     163   3.7  302.0
 30   5.4  322.9      97   2.4  172.0     164   3.5  302.3
 31   5.5  318.6      98   2.6  168.2     165   3.3  302.4
 32   5.7  314.5      99   2.7  165.7     166   3.1  302.6
 33   5.2  312.0     100   2.6  165.5     167   3.0  302.9
 34   4.4  310.0     101   2.6  164.9     168   3.0  303.1
 35   3.8  306.6     102   2.7  164.7     169   3.1  308.6
 36   3.9  305.3     103   2.3  173.0     170   3.1  310.7
 37   4.0  305.0     104   1.9  190.5     171   3.2  310.6
 38   3.6  301.5     105   1.7  217.0     172   3.1  310.7
 39   3.1  296.8     106   1.2  237.6     173   3.1  310.9
 40   2.7  296.0     107   1.2  237.5     174   3.1  316.8
 41   2.4  294.8     108   1.2  234.6     175   3.0  320.9
 42   2.3  291.5     109   1.1  229.3     176   2.9  322.0
 43   2.4  280.7     110   1.1  223.2     177   3.0  320.9
 44   2.2  278.7     111   1.1  220.7     178   2.9  321.6
 45   2.0  276.3     112   1.1  218.6     179   2.9  322.4
 46   1.8  273.0     113   0.7  218.9     180   3.3  318.3
 47   1.9  274.1     114   0.3  236.9     181   3.4  317.2
 48   2.0  273.8     115   0.4  261.3     182   3.2  318.6
 49   1.8  270.4     116   0.6  273.1     183   3.1  320.2
 50   1.6  266.9     117   0.7  277.6     184   3.3  326.7
 51   1.9  254.6     118   0.8  280.5     185   3.2  328.7
 52   1.8  252.4     119   0.9  282.3     186   2.9  333.4
 53   2.1  246.8     120   1.0  285.0     187   2.8  336.3
 54   2.5  245.1     121   1.2  287.6     188   3.0  332.4
 55   2.4  239.7     122   1.2  287.6     189   3.1  330.4
 56   2.3  227.7     123   1.2  287.0     190   3.1  330.1
 57   2.3  215.8     124   1.2  287.4     191   3.0  332.3
 58   2.4  207.9     125   1.2  287.6     192   3.0  332.4
 59   2.4  204.4     126   1.3  288.2     193   3.0  332.0
 60   2.1  198.0     127   1.3  288.6     194   3.0  333.3
 61   2.1  189.5     128   1.3  288.9     195   3.0  333.8
 62   2.4  178.2     129   1.2  286.9     196   3.2  329.8
 63   2.7  170.2     130   1.2  286.9     197   3.6  325.1
 64   2.7  171.0     131   1.2  287.8     198   3.9  322.1
 65   2.6  173.1     132   1.5  305.6     199   4.3  319.0
 66   2.6  172.4     133   1.8  308.2
```

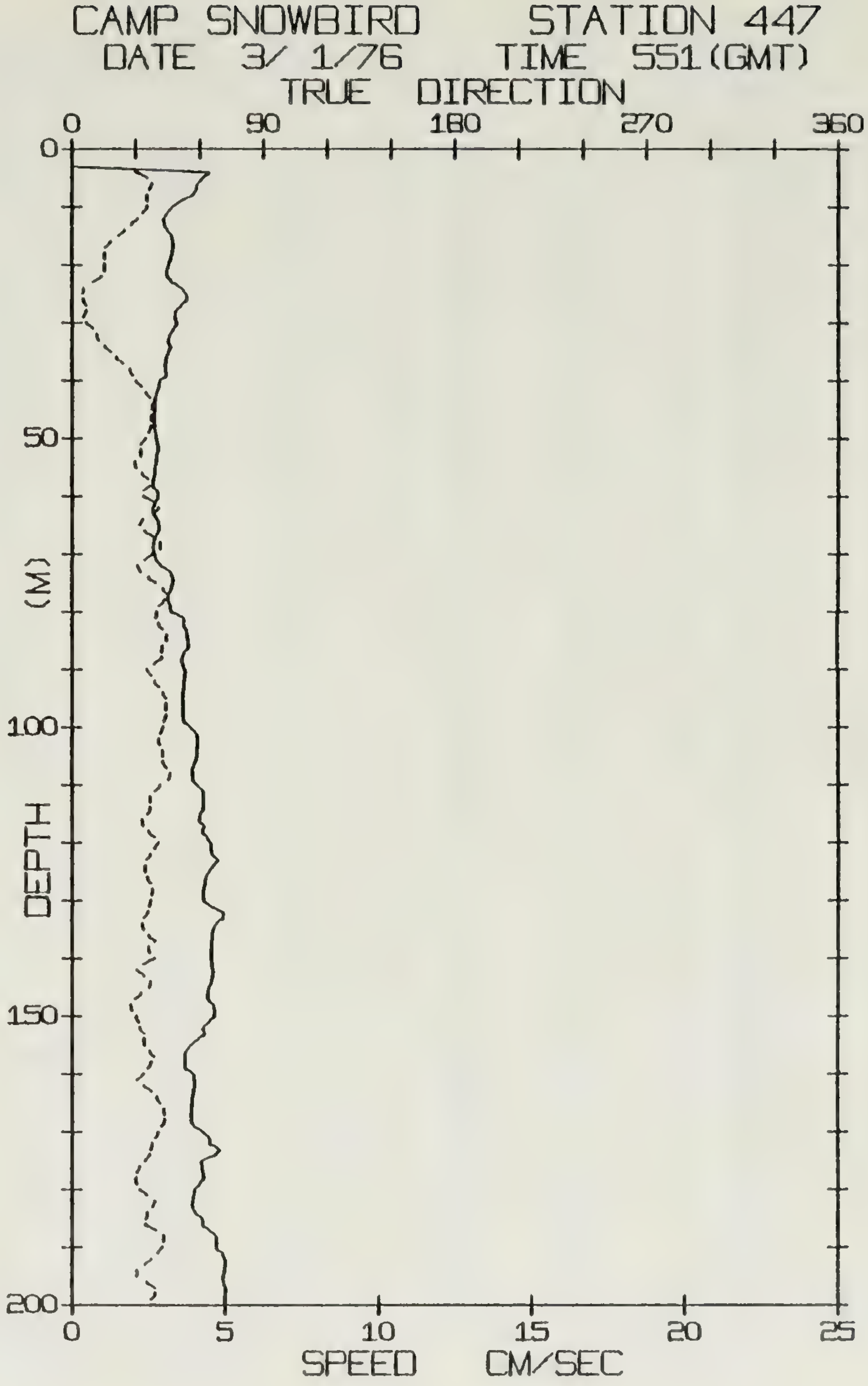

CAMP SNOWBIRD STATION 445
DATE 2/ 1/76 TIME 617(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 444
DATE 1/ 1/76 TIME 2351(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 444     (200M.)        1/JAN/76     2351 GMT
LAT= 73.8882N  LONG= 145.4019W  LTER=     1    LGER=      2.
NIVEL=   0.4   EIVEL=   5.2     NVER=     0    EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    7.1   116.1      134    5.6   104.6
  1    0.0   999.9       68    7.3   114.8      135    5.6   104.4
  2    0.0   999.9       69    7.5   113.4      136    5.6   104.5
  3    0.0   999.9       70    7.7   114.3      137    5.5   104.8
  4    4.4   102.7       71    8.0   115.2      138    5.5   105.1
  5    3.7    90.4       72    8.2   115.3      139    5.4   105.4
  6    3.6    87.4       73    8.2   115.3      140    5.4   105.4
  7    3.4    87.2       74    8.3   114.0      141    5.4   105.2
  8    3.3    86.1       75    8.3   114.1      142    5.3   104.9
  9    3.2    86.8       76    8.4   114.3      143    5.3   104.5
 10    3.2    87.5       77    8.4   114.5      144    5.3   104.7
 11    3.2    87.2       78    8.5   114.9      145    5.3   104.9
 12    3.2    86.9       79    8.5   115.3      146    5.2   104.8
 13    3.2    87.2       80    8.5   116.5      147    5.3   104.4
 14    3.3    88.2       81    8.7   117.3      148    5.3   103.8
 15    3.3    89.2       82    8.9   118.2      149    5.3   103.7
 16    3.3    89.4       83    9.0   118.6      150    5.3   103.3
 17    3.3    89.3       84    9.0   118.8      151    5.4   102.6
 18    3.3    89.3       85    9.0   118.8      152    5.4   102.1
 19    3.3    89.3       86    8.9   118.6      153    5.4   102.0
 20    3.3    89.2       87    8.8   119.3      154    5.4   102.1
 21    3.3    89.2       88    8.6   119.3      155    5.4   102.7
 22    3.3    89.1       89    8.5   118.9      156    5.4   103.5
 23    3.3    89.8       90    8.5   118.6      157    5.4   104.3
 24    3.3    91.1       91    8.4   118.3      158    5.3   104.8
 25    3.3    92.0       92    8.4   118.0      159    5.2   104.9
 26    3.3    92.2       93    8.3   118.0      160    5.2   104.8
 27    3.3    92.3       94    8.3   117.8      161    5.2   104.9
 28    3.3    93.8       95    8.3   117.7      162    5.3   105.0
 29    3.3    93.8       96    8.2   117.1      163    5.3   105.0
 30    3.4    94.5       97    8.1   115.8      164    5.3   105.0
 31    3.4    95.3       98    8.1   113.8      165    5.3   105.0
 32    3.4    95.8       99    7.9   112.8      166    5.4   105.0
 33    3.4    96.5      100    7.8   112.2      167    5.4   105.1
 34    3.4    96.4      101    7.7   111.7      168    5.4   105.0
 35    3.4    95.8      102    7.6   113.2      169    5.4   105.1
 36    3.4    96.8      103    7.6   113.7      170    5.3   105.6
 37    3.5    99.2      104    7.4   114.6      171    5.0   106.5
 38    3.6   100.6      105    7.4   115.2      172    4.8   106.8
 39    3.7   101.1      106    7.3   115.2      173    4.5   106.5
 40    3.8   102.0      107    7.2   115.1      174    4.3   105.9
 41    3.9   103.3      108    7.2   114.7      175    4.3   105.6
 42    4.0   104.9      109    7.2   114.2      176    4.3   105.7
 43    4.1   106.0      110    7.2   113.5      177    4.3   105.9
 44    4.2   106.6      111    7.2   113.2      178    4.3   105.7
 45    4.2   106.6      112    7.2   112.9      179    4.3   105.3
 46    4.2   106.7      113    7.1   112.7      180    4.4   104.4
 47    4.2   107.0      114    7.2   112.9      181    4.4   104.0
 48    4.3   107.2      115    7.2   113.3      182    4.4   103.9
 49    4.3   107.3      116    7.2   113.5      183    4.4   104.0
 50    4.4   107.5      117    7.2   113.5      184    4.4   104.7
 51    4.5   107.9      118    7.1   112.8      185    4.5   105.5
 52    4.8   108.1      119    7.0   111.9      186    4.3   105.8
 53    5.0   107.9      120    6.9   111.1      187    4.2   105.3
 54    5.1   107.7      121    6.9   110.7      188    4.1   104.3
 55    5.3   107.3      122    6.8   110.0      189    4.0   103.3
 56    5.3   107.3      123    6.5   108.7      190    3.9   102.6
 57    5.3   107.3      124    6.1   107.0      191    3.9   102.5
 58    5.4   111.2      125    5.9   105.2      192    3.9   102.6
 59    5.6   113.2      126    5.8   103.7      193    3.8   102.3
 60    5.7   113.5      127    5.8   103.9      194    3.8   101.8
 61    5.9   112.9      128    5.7   104.1      195    3.8   101.3
 62    6.3   111.4      129    5.7   104.4      196    3.8   101.2
 63    6.3   111.4      130    5.6   104.5      197    3.8   101.6
 64    6.5   113.4      131    5.6   104.5      198    3.9   102.2
 65    6.7   115.5      132    5.6   104.6      199    4.0   103.2
 66    6.9   116.7      133    5.6   104.7      200    4.1   103.6
```

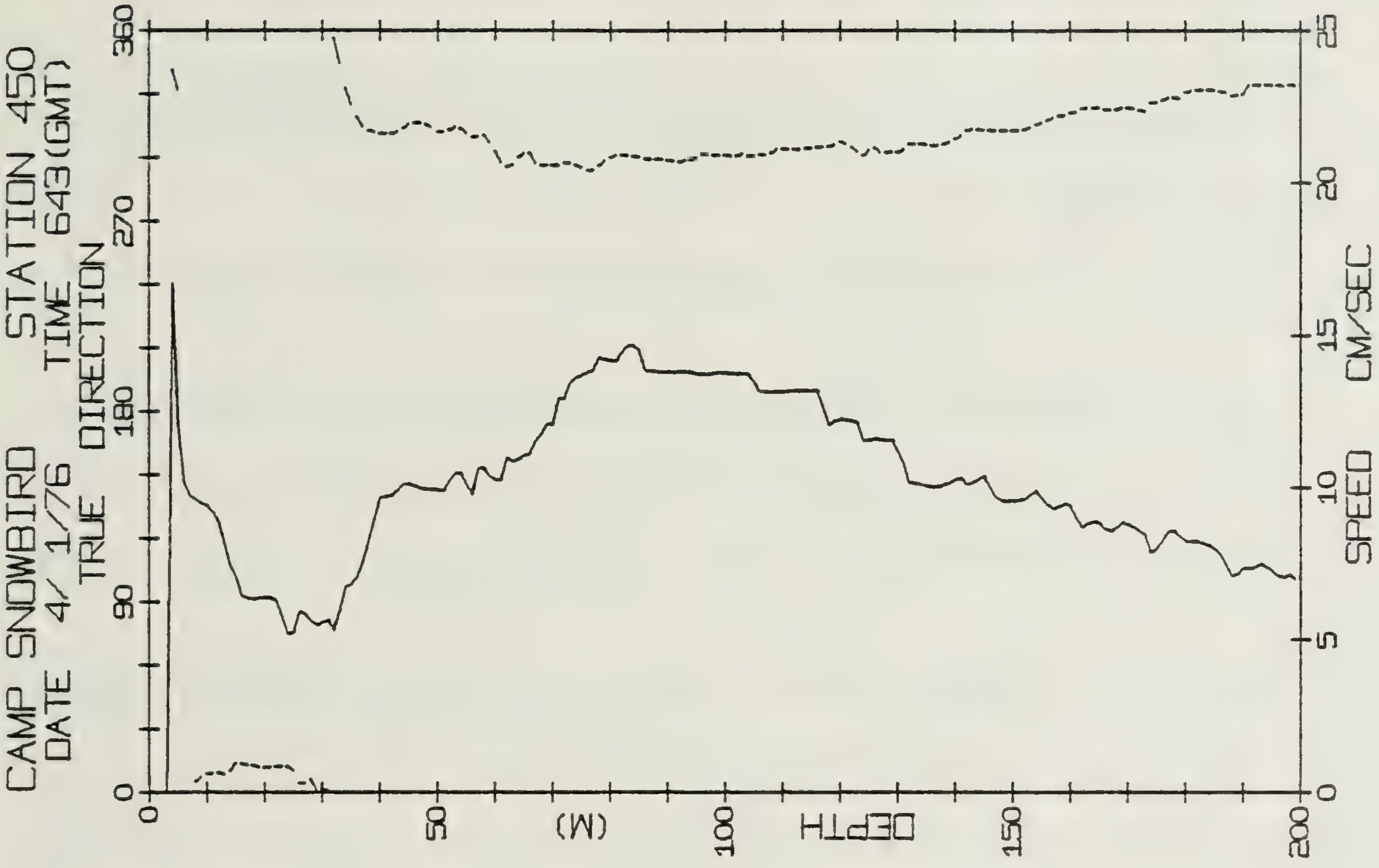
```
SNOWBIRD STATION 445     (200M.)        2/JAN/76      617 GMT
LAT= 73.8895N  LONG= 145.3978W  LTER=     1.   LGER=      1.
NIVEL=   2.2   EIVEL=  -1.7     NVER=     0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    7.2   170.6      134    3.3   154.0
  1    0.0   999.9       68    7.3   169.2      135    3.2   154.2
  2    0.0   999.9       69    7.6   165.7      136    3.1   154.5
  3    0.0   999.9       70    8.0   164.2      137    3.0   154.7
  4    1.5     5.9       71    8.6   163.8      138    3.0   154.9
  5    0.6   239.8       72    9.2   163.3      139    2.9   155.2
  6    1.0   244.1       73    9.5   163.2      140    2.8   155.3
  7    1.3   245.4       74    9.9   163.0      141    2.7   155.8
  8    1.6   252.4       75   10.1   162.9      142    2.5   161.2
  9    1.9   261.5       76   10.3   162.7      143    2.5   164.6
 10    1.8   261.2       77   10.4   162.7      144    2.5   167.2
 11    1.9   262.5       78   10.4   162.7      145    2.5   171.5
 12    1.9   261.3       79   10.3   162.7      146    2.5   172.7
 13    2.0   260.9       80   10.4   162.6      147    2.4   173.4
 14    2.2   262.3       81   10.5   162.5      148    2.4   173.7
 15    2.2   263.2       82   10.6   162.3      149    2.5   172.7
 16    2.3   264.2       83   10.6   161.9      150    2.6   171.3
 17    2.4   265.2       84   10.7   159.8      151    2.5   167.2
 18    2.5   266.1       85   10.9   159.7      152    2.4   164.7
 19    2.4   266.4       86   10.9   159.7      153    2.3   165.0
 20    2.3   265.8       87   10.6   159.7      154    2.4   164.6
 21    2.2   264.4       88   10.5   159.7      155    2.4   164.4
 22    2.1   258.6       89   10.4   159.8      156    2.4   164.4
 23    2.0   253.9       90   10.2   159.8      157    2.4   164.4
 24    2.0   248.4       91   10.0   159.9      158    2.4   164.4
 25    2.0   247.3       92    9.9   160.0      159    2.4   159.1
 26    2.0   246.7       93    9.9   160.0      160    2.3   158.9
 27    2.0   247.0       94    9.5   160.1      161    2.3   157.0
 28    2.0   247.4       95    9.1   160.3      162    2.3   153.3
 29    2.0   248.1       96    8.7   160.5      163    2.2   150.1
 30    2.0   249.7       97    8.4   160.6      164    2.1   147.7
 31    2.0   251.3       98    8.1   160.8      165    2.0   146.6
 32    2.0   253.0       99    8.0   160.9      166    1.8   147.2
 33    2.0   251.7      100    7.8   161.0      167    1.7   149.6
 34    2.2   250.9      101    7.7   161.1      168    1.5   153.6
 35    2.3   250.1      102    7.5   161.3      169    1.5   167.0
 36    2.7   245.2      103    7.3   161.5      170    1.4   174.4
 37    2.9   238.9      104    7.1   161.6      171    1.3   179.5
 38    2.9   233.4      105    7.0   161.8      172    1.2   181.8
 39    3.0   226.7      106    6.8   162.0      173    1.1   180.9
 40    3.0   220.0      107    6.6   162.2      174    1.2   178.2
 41    2.9   213.2      108    6.4   162.5      175    1.3   175.9
 42    2.8   211.0      109    6.2   161.0      176    1.4   173.6
 43    2.6   204.0      110    6.2   158.1      177    1.5   172.4
 44    2.5   199.9      111    6.1   156.8      178    1.5   173.5
 45    2.6   198.1      112    5.9   157.1      179    1.4   172.7
 46    3.0   194.4      113    5.6   157.3      180    1.2   168.9
 47    3.3   192.2      114    5.4   157.3      181    1.0   163.8
 48    3.4   189.1      115    5.2   157.5      182    0.9   158.5
 49    3.5   186.9      116    5.0   156.2      183    0.9   153.5
 50    3.6   186.0      117    4.8   151.8      184    0.8   142.8
 51    3.7   184.9      118    4.6   151.9      185    0.8   136.9
 52    3.8   182.1      119    4.4   152.1      186    0.8   135.4
 53    4.0   180.0      120    4.3   152.3      187    0.9   134.8
 54    4.3   178.9      121    4.4   152.1      188    0.9   134.4
 55    4.6   178.0      122    4.3   152.3      189    1.1   135.0
 56    4.8   177.4      123    3.8   156.0      190    1.2   135.8
 57    5.0   177.0      124    3.5   160.2      191    1.4   136.5
 58    5.1   176.8      125    3.3   161.1      192    1.6   137.0
 59    5.4   176.2      126    3.1   161.7      193    1.7   134.6
 60    5.7   175.5      127    3.2   161.4      194    1.7   130.1
 61    6.0   174.9      128    3.3   161.1      195    1.6   124.3
 62    6.3   174.5      129    3.4   160.9      196    1.5   118.8
 63    6.3   174.4      130    3.4   160.8      197    1.3   112.7
 64    6.1   171.7      131    3.5   160.7      198    1.1   103.9
 65    6.2   171.9      132    3.4   160.3      199    0.9    69.3
 66    6.8   171.5      133    3.4   156.7      200    1.2    33.5
```

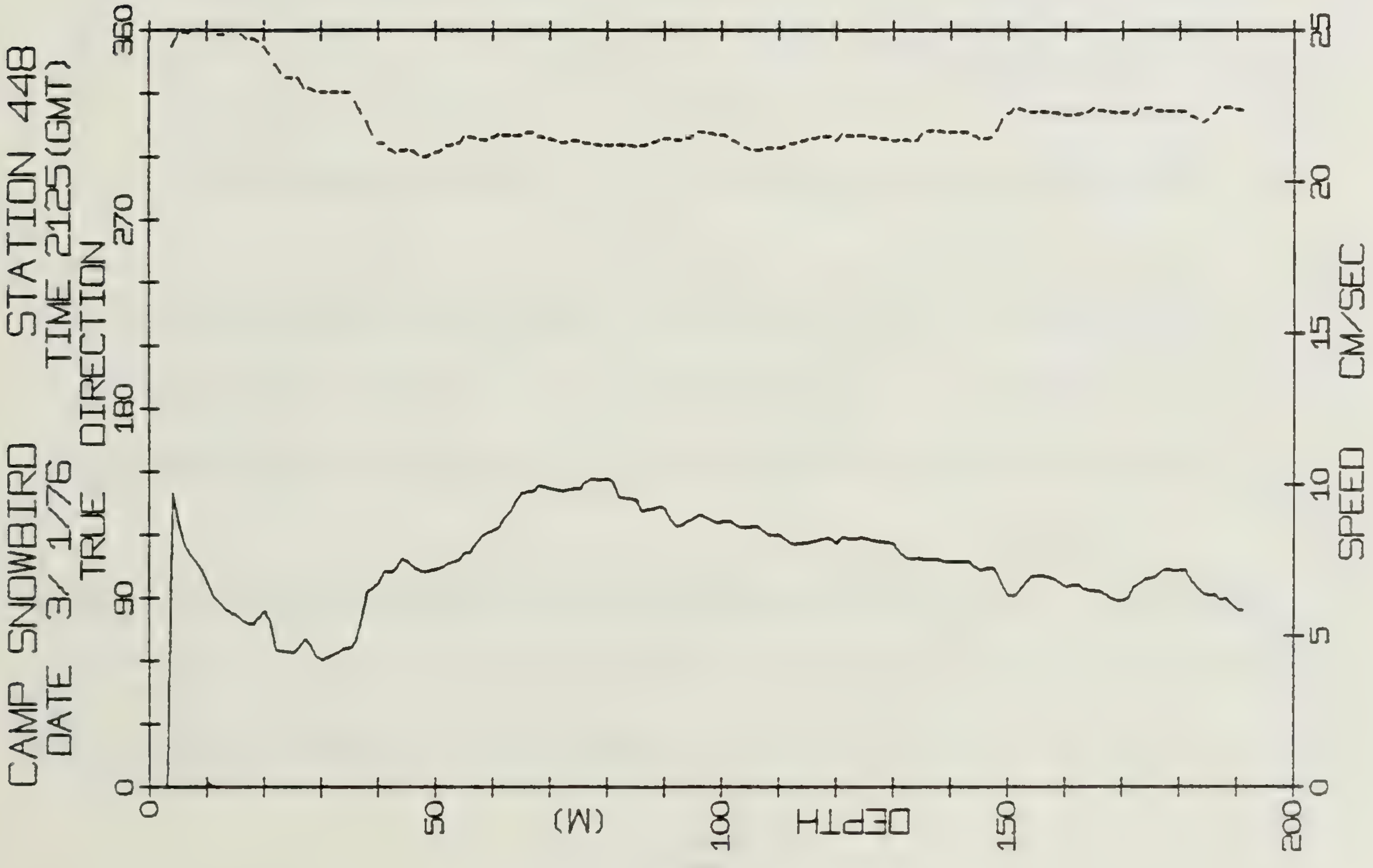

CAMP SNOWBIRD STATION 446
DATE 2/ 1/76 TIME 2113(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 447
DATE 3/ 1/76 TIME 551(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 446     (200M.)       2/JAN/76       2113 GMT
LAT= 73.9321N  LONG= 145.4389W  LTER=     1.  LGER=     2.
NIVEL=  10.1   EIVEL=    2.8    NVER=     0.  EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    7.5   54.5      134    8.3   55.3
  1    0.0   999.9      68    7.5   52.9      135    8.3   55.4
  2    0.0   999.9      69    7.3   52.0      136    8.3   55.5
  3    0.0   999.9      70    6.9   52.1      137    8.2   54.1
  4    9.0    35.4      71    6.6   52.3      138    8.3   52.4
  5    9.0    41.0      72    6.6   52.2      139    8.3   51.3
  6    9.0    46.6      73    6.6   48.5      140    8.5   51.7
  7    9.0    49.9      74    6.7   47.8      141    8.5   51.7
  8    8.9    52.4      75    6.6   48.8      142    8.5   51.7
  9    8.9    53.3      76    6.5   51.5      143    8.5   52.0
 10    8.8    53.6      77    6.4   52.6      144    8.5   52.0
 11    8.6    53.3      78    6.5   52.0      145    8.5   51.4
 12    8.7    52.6      79    6.5   50.6      146    8.5   51.4
 13    8.7    51.8      80    6.5   51.7      147    8.5   51.6
 14    8.8    50.9      81    6.4   52.9      148    8.5   50.7
 15    8.7    50.4      82    6.3   55.2      149    8.5   50.1
 16    8.5    50.6      83    6.3   56.1      150    8.5   49.7
 17    8.3    50.9      84    6.3   55.1      151    8.5   49.4
 18    8.1    50.9      85    6.4   53.2      152    8.5   51.0
 19    7.8    51.0      86    6.5   51.8      153    8.5   53.0
 20    7.8    51.6      87    6.6   52.5      154    8.5   53.2
 21    7.8    52.0      88    6.6   54.1      155    8.6   53.1
 22    7.8    52.2      89    6.6   55.4      156    8.5   53.2
 23    7.7    52.0      90    6.7   57.0      157    8.5   53.7
 24    7.6    51.6      91    7.0   58.6      158    8.5   54.3
 25    7.6    51.1      92    7.0   60.1      159    8.5   55.6
 26    7.7    51.2      93    7.1   58.9      160    8.5   56.3
 27    7.7    51.2      94    7.1   57.5      161    8.8   56.1
 28    7.7    51.5      95    7.1   56.2      162    8.9   55.2
 29    7.6    51.8      96    7.1   56.8      163    8.9   55.4
 30    7.5    52.2      97    7.1   57.4      164    8.9   56.0
 31    7.4    52.4      98    7.1   58.1      165    8.7   56.2
 32    7.5    51.4      99    7.0   58.6      166    8.5   55.6
 33    7.4    50.0     100    7.0   58.6      167    8.5   54.8
 34    7.3    48.7     101    7.1   58.3      168    8.5   55.0
 35    7.2    47.6     102    7.2   58.3      169    8.5   55.2
 36    7.1    46.7     103    7.5   58.1      170    8.5   56.4
 37    7.2    46.7     104    7.8   56.6      171    8.5   57.6
 38    7.0    46.7     105    7.9   54.3      172    8.5   57.7
 39    6.9    46.9     106    7.9   53.5      173    8.5   57.5
 40    6.9    47.6     107    7.9   55.5      174    8.5   57.2
 41    6.8    48.3     108    8.1   57.0      175    8.5   56.6
 42    6.8    49.1     109    8.2   55.9      176    8.5   55.6
 43    6.8    50.1     110    8.3   55.4      177    8.4   54.7
 44    6.7    51.4     111    8.2   55.4      178    8.4   53.9
 45    6.5    51.6     112    8.1   55.5      179    8.4   53.2
 46    6.4    51.7     113    7.8   54.9      180    8.4   52.7
 47    6.4    51.0     114    7.7   54.4      181    8.4   51.5
 48    6.5    50.6     115    7.7   54.7      182    8.4   51.2
 49    6.5    50.2     116    7.8   54.9      183    8.4   52.3
 50    6.5    50.3     117    8.0   55.1      184    8.4   53.9
 51    6.4    50.6     118    8.1   54.2      185    8.4   54.5
 52    6.4    51.5     119    8.1   53.2      186    8.4   53.7
 53    6.4    52.5     120    7.9   53.4      187    8.4   52.7
 54    6.4    52.8     121    7.6   53.6      188    8.4   52.6
 55    6.4    53.4     122    7.5   53.7      189    8.4   52.5
 56    6.3    54.4     123    7.5   54.0      190    8.4   52.8
 57    6.3    55.8     124    7.5   55.7      191    8.4   53.3
 58    6.3    56.1     125    7.5   57.0      192    8.4   54.1
 59    6.5    57.2     126    7.5   56.7      193    8.4   55.4
 60    6.5    59.1     127    7.5   56.4      194    8.4   54.9
 61    6.5    60.0     128    7.5   56.1      195    8.4   54.4
 62    6.5    59.9     129    7.8   56.4      196    8.5   55.6
 63    6.6    57.7     130    8.0   57.6      197    8.8   56.6
 64    6.6    55.4     131    8.1   56.2      198    8.8   56.6
 65    6.9    55.7     132    8.1   55.1      199    8.8   55.1
 66    7.3    56.1     133    8.2   55.2      200    8.8   54.3
```

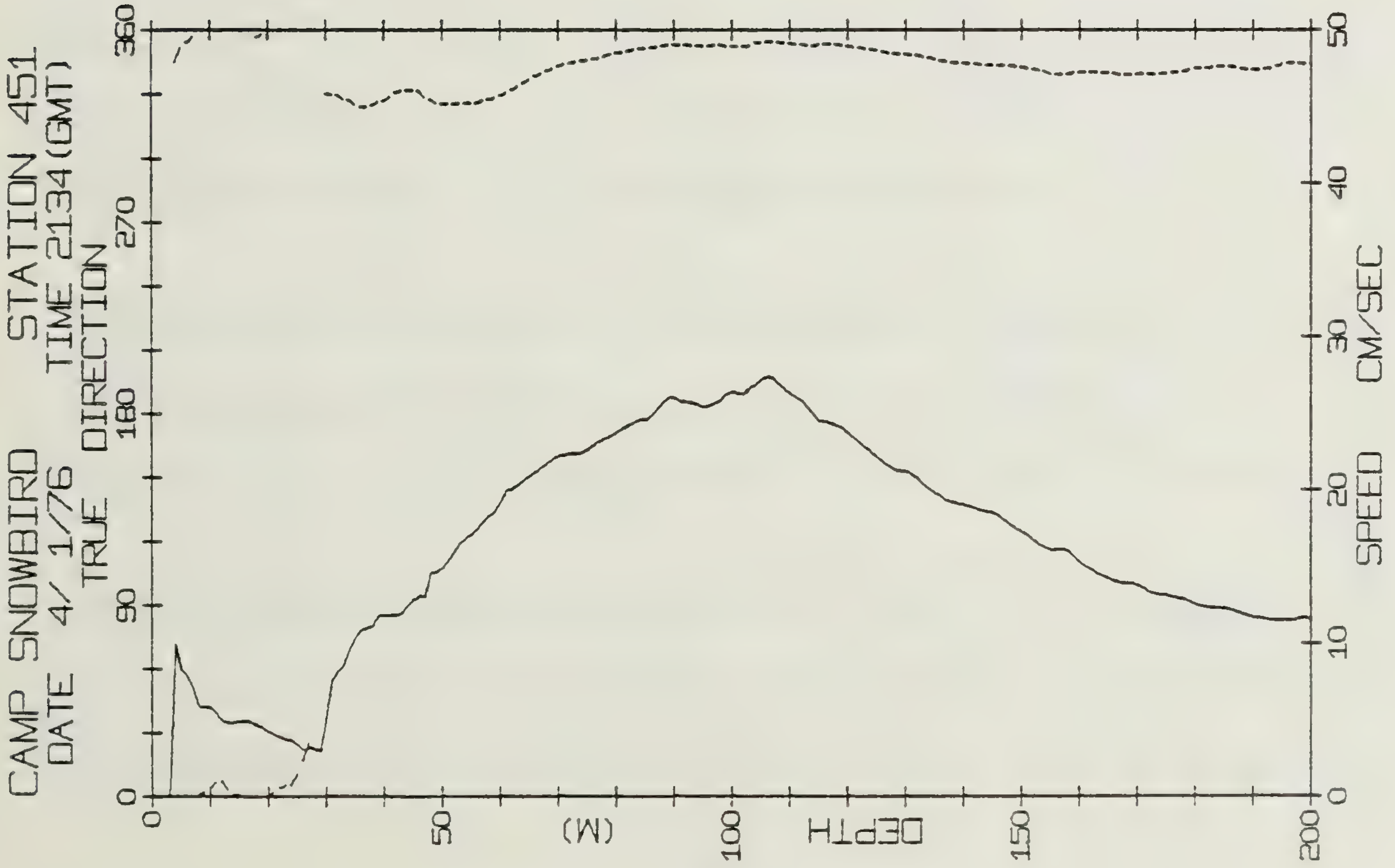
```
SNOWBIRD STATION 447     (200M.)       3/JAN/76        551 GMT
LAT= 73.9521N  LONG= 145.5009W  LTER=     7.  LGER=    21.
NIVEL=   7.5   EIVEL=  -1.7     NVER=     0.  EVER=     1.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    2.7   38.4      134    4.7   33.0
  1    0.0   999.9      68    2.6   41.6      135    4.6   33.8
  2    0.0   999.9      69    2.6   41.6      136    4.6   36.0
  3    0.0   999.9      70    2.7   37.8      137    4.5   38.9
  4    4.5    29.9      71    2.8   34.2      138    4.6   36.2
  5    4.3    35.3      72    2.9   31.0      139    4.5   36.3
  6    4.1    37.4      73    3.2   32.2      140    4.5   38.8
  7    4.0    36.0      74    3.3   35.7      141    4.6   33.7
  8    3.9    34.9      75    3.3   39.1      142    4.6   30.8
  9    3.5    35.4      76    3.2   43.1      143    4.6   33.8
 10    3.3    35.1      77    3.1   45.1      144    4.5   36.8
 11    3.1    33.2      78    3.2   43.3      145    4.5   36.3
 12    3.0    30.7      79    3.2   41.1      146    4.4   32.6
 13    3.0    27.6      80    3.3   39.7      147    4.4   30.0
 14    3.1    24.8      81    3.6   39.2      148    4.6   27.7
 15    3.3    22.0      82    3.6   40.7      149    4.7   28.3
 16    3.3    18.3      83    3.7   42.7      150    4.6   30.2
 17    3.3    15.8      84    3.8   44.5      151    4.5   31.5
 18    3.2    15.1      85    3.8   44.5      152    4.3   32.0
 19    3.2    15.0      86    3.8   42.5      153    4.3   33.7
 20    3.1    15.4      87    3.7   42.2      154    4.1   33.7
 21    3.1    15.6      88    3.6   42.4      155    3.9   34.5
 22    3.1    13.9      89    3.6   38.4      156    3.7   36.4
 23    3.3     9.9      90    3.7   35.4      157    3.7   38.3
 24    3.6     5.5      91    3.7   37.1      158    3.7   37.1
 25    3.7     4.4      92    3.7   38.7      159    3.7   35.4
 26    3.7     5.2      93    3.6   40.7      160    4.0   33.5
 27    3.6     6.8      94    3.6   43.0      161    4.0   30.8
 28    3.4     6.6      95    3.6   44.4      162    4.0   33.8
 29    3.4     5.2      96    3.6   44.4      163    3.9   37.4
 30    3.4     6.7      97    3.6   44.2      164    3.9   39.7
 31    3.3     9.8      98    3.6   44.1      165    3.9   41.7
 32    3.2    11.6      99    3.7   43.1      166    3.9   43.1
 33    3.1    12.7     100    3.9   42.7      167    3.9   43.9
 34    3.2    15.6     101    4.1   41.7      168    3.9   44.0
 35    3.1    18.2     102    4.1   40.4      169    4.0   42.4
 36    3.1    20.9     103    4.1   41.5      170    4.3   40.8
 37    3.0    24.0     104    4.1   42.8      171    4.5   39.2
 38    3.1    27.2     105    4.1   42.9      172    4.5   37.6
 39    3.1    28.6     106    4.0   42.9      173    4.8   37.0
 40    2.9    30.2     107    3.9   44.5      174    4.7   36.1
 41    2.8    32.5     108    3.9   46.1      175    4.2   34.3
 42    2.7    34.7     109    3.9   45.4      176    4.3   31.9
 43    2.7    36.7     110    4.1   41.7      177    4.3   30.3
 44    2.7    37.8     111    4.3   39.3      178    4.3   29.9
 45    2.7    37.4     112    4.3   36.7      179    4.1   30.7
 46    2.7    37.4     113    4.3   36.6      180    4.0   32.0
 47    2.7    37.2     114    4.3   36.8      181    3.9   35.5
 48    2.7    36.9     115    4.2   35.4      182    3.9   38.8
 49    2.7    35.7     116    4.1   33.0      183    3.9   37.9
 50    2.8    34.5     117    4.3   33.6      184    4.0   35.4
 51    2.8    32.2     118    4.3   36.0      185    4.3   34.6
 52    2.8    32.1     119    4.4   38.4      186    4.2   34.1
 53    2.7    32.5     120    4.5   40.2      187    4.5   39.2
 54    2.7    29.4     121    4.5   38.8      188    4.7   43.3
 55    2.7    30.1     122    4.6   37.0      189    4.7   43.1
 56    2.7    32.9     123    4.8   34.9      190    4.7   42.3
 57    2.6    35.6     124    4.6   34.4      191    4.9   40.1
 58    2.6    37.5     125    4.4   34.5      192    5.0   37.3
 59    2.8    33.5     126    4.4   35.6      193    5.0   34.2
 60    2.8    33.2     127    4.3   37.0      194    5.0   30.7
 61    2.7    38.7     128    4.3   37.9      195    4.9   30.1
 62    2.6    40.9     129    4.3   37.3      196    5.0   34.8
 63    2.7    38.1     130    4.3   36.7      197    5.0   38.9
 64    2.8    33.0     131    4.6   36.3      198    5.0   39.2
 65    2.9    31.5     132    4.9   35.6      199    5.0   37.2
 66    2.8    34.2     133    4.9   33.7      200    5.0   36.6
```

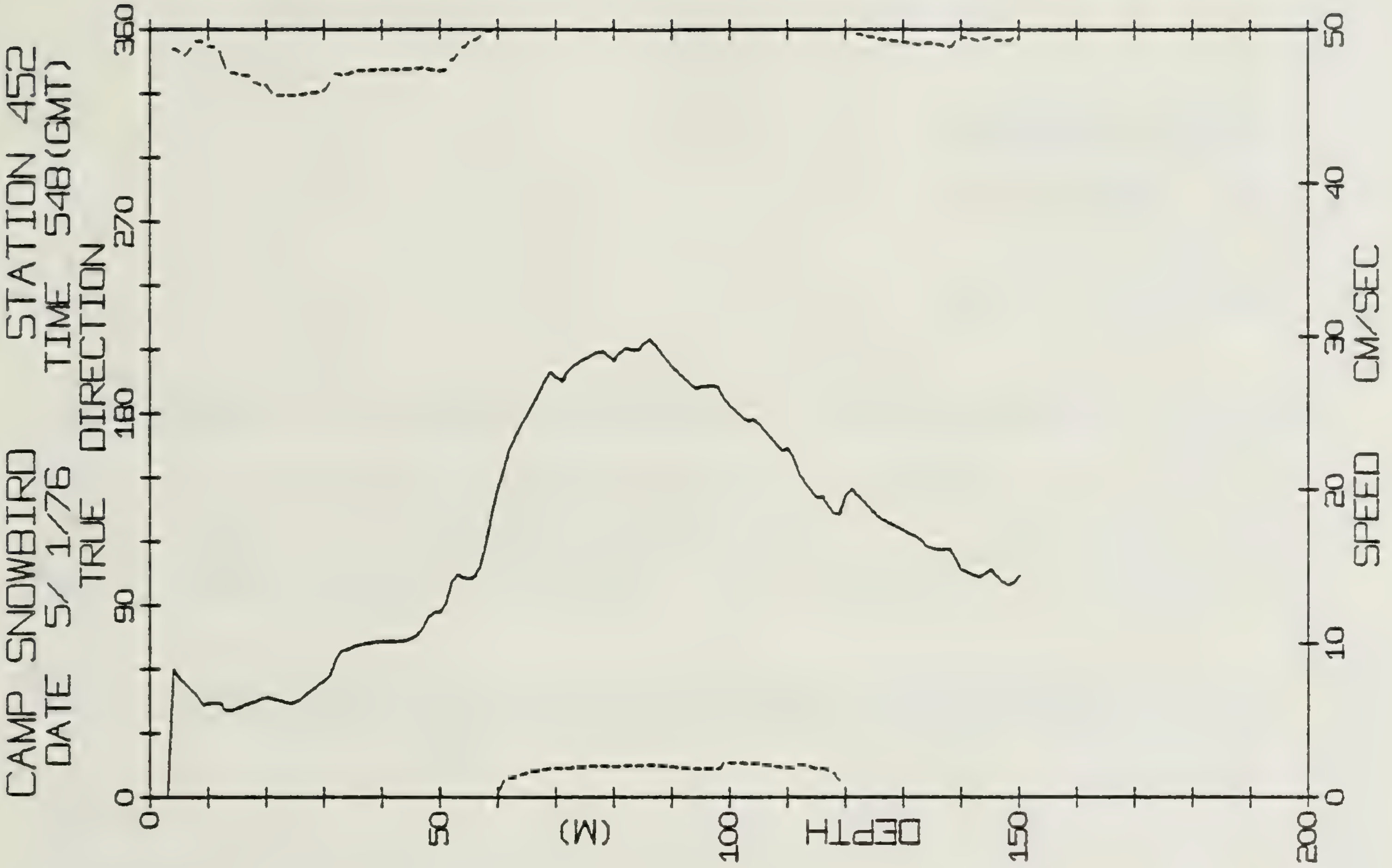

CAMP SNOWBIRD STATION 450
DATE 4/ 1/76 TIME 643(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 448
DATE 3/ 1/76 TIME 2125(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 448     (191M )        3/JAN/76      2125 GMT
LAT= 74.0045N  LONG= 145.5841W  LTER=      1.   LGER=      2
NIVEL=  13.0   EIVEL=  -5.1     NVER=      0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    9.8   311.5      134    7.6   307.6
  1    0.0   999.9       68   10.0   309.7      135    7.5   310.6
  2    0.0   999.9       69    9.9   308.6      136    7.5   312.0
  3    0.0   999.9       70    9.9   308.3      137    7.5   312.2
  4    9.7   352.7       71    9.8   307.4      138    7.5   311.9
  5    8.8   358.1       72    9.8   306.4      139    7.4   311.4
  6    8.0   359.0       73    9.8   306.8      140    7.5   311.7
  7    7.7   358.6       74    9.9   307.5      141    7.5   311.7
  8    7.5   359.1       75    9.9   307.1      142    7.5   311.4
  9    7.2     1.0       76   10.1   306.3      143    7.4   311.2
 10    6.8     2.3       77   10.2   305.7      144    7.3   309.9
 11    6.3     0.2       78   10.2   305.4      145    7.2   308.2
 12    6.1   357.9       79   10.2   305.2      146    7.2   308.5
 13    5.9   357.9       80   10.2   305.3      147    7.3   309.2
 14    5.8   359.5       81   10.1   305.5      148    7.1   312.0
 15    5.7     0.7       82    9.6   305.6      149    6.7   317.3
 16    5.5   357.9       83    9.6   305.3      150    6.3   320.1
 17    5.4   355.9       84    9.5   304.9      151    6.3   322.3
 18    5.4   355.9       85    9.5   304.4      152    6.5   322.5
 19    5.6   354.6       86    9.1   305.3      153    6.7   321.5
 20    5.8   352.2       87    9.2   305.8      154    7.0   320.8
 21    5.5   348.8       88    9.2   306.6      155    7.0   321.2
 22    4.5   343.5       89    9.3   307.8      156    7.0   321.1
 23    4.5   339.7       90    9.2   308.4      157    6.9   320.9
 24    4.5   337.5       91    8.8   308.4      158    6.9   320.5
 25    4.4   337.2       92    8.6   307.7      159    6.7   320.0
 26    4.6   337.1       93    8.7   307.8      160    6.6   319.3
 27    4.9   332.6       94    8.8   308.8      161    6.7   319.7
 28    4.7   332.1       95    8.9   310.0      162    6.7   319.9
 29    4.3   330.9       96    9.0   311.5      163    6.6   320.5
 30    4.2   330.4       97    8.9   311.2      164    6.5   321.4
 31    4.3   330.4       98    8.8   310.9      165    6.5   322.9
 32    4.4   330.5       99    8.7   310.1      166    6.5   321.8
 33    4.5   330.5      100    8.8   310.2      167    6.4   321.3
 34    4.6   330.6      101    8.8   309.4      168    6.2   320.8
 35    4.6   330.5      102    8.7   307.6      169    6.2   320.5
 36    4.8   325.8      103    8.6   306.0      170    6.2   320.7
 37    5.6   320.9      104    8.6   304.2      171    6.3   321.4
 38    6.5   316.3      105    8.6   303.0      172    6.6   319.6
 39    6.6   310.1      106    8.6   302.9      173    6.7   322.3
 40    6.7   306.5      107    8.5   303.3      174    6.9   323.2
 41    7.1   306.3      108    8.3   303.9      175    6.9   323.4
 42    7.1   303.3      109    8.3   303.9      176    7.0   321.7
 43    7.2   301.7      110    8.3   303.9      177    7.2   321.3
 44    7.6   302.9      111    8.2   304.8      178    7.2   321.4
 45    7.5   303.4      112    8.1   305.9      179    7.1   321.1
 46    7.3   302.7      113    8.1   306.7      180    7.2   321.2
 47    7.2   300.5      114    8.1   307.4      181    7.2   321.1
 48    7.1   299.7      115    8.1   308.1      182    6.8   319.1
 49    7.2   300.8      116    8.1   308.8      183    6.6   317.6
 50    7.2   301.9      117    8.2   309.3      184    6.4   316.1
 51    7.3   303.1      118    8.2   309.9      185    6.3   317.7
 52    7.4   305.0      119    8.2   309.4      186    6.4   320.1
 53    7.5   305.7      120    8.0   307.7      187    6.2   323.5
 54    7.5   306.5      121    8.3   310.4      188    6.2   323.6
 55    7.7   309.1      122    8.2   309.5      189    6.1   322.8
 56    7.8   309.5      123    8.2   309.4      190    5.9   322.0
 57    8.1   308.5      124    8.2   310.1      191    5.8   321.8
 58    8.3   307.8      125    8.2   309.6
 59    8.4   308.1      126    8.2   309.0
 60    8.5   309.2      127    8.1   308.5
 61    8.6   310.6      128    8.1   308.2
 62    8.9   310.1      129    8.1   307.9
 63    9.1   310.0      130    8.0   307.4
 64    9.5   309.9      131    7.8   307.9
 65    9.7   310.2      132    7.6   307.9
 66    9.8   311.1      133    7.5   307.1
```

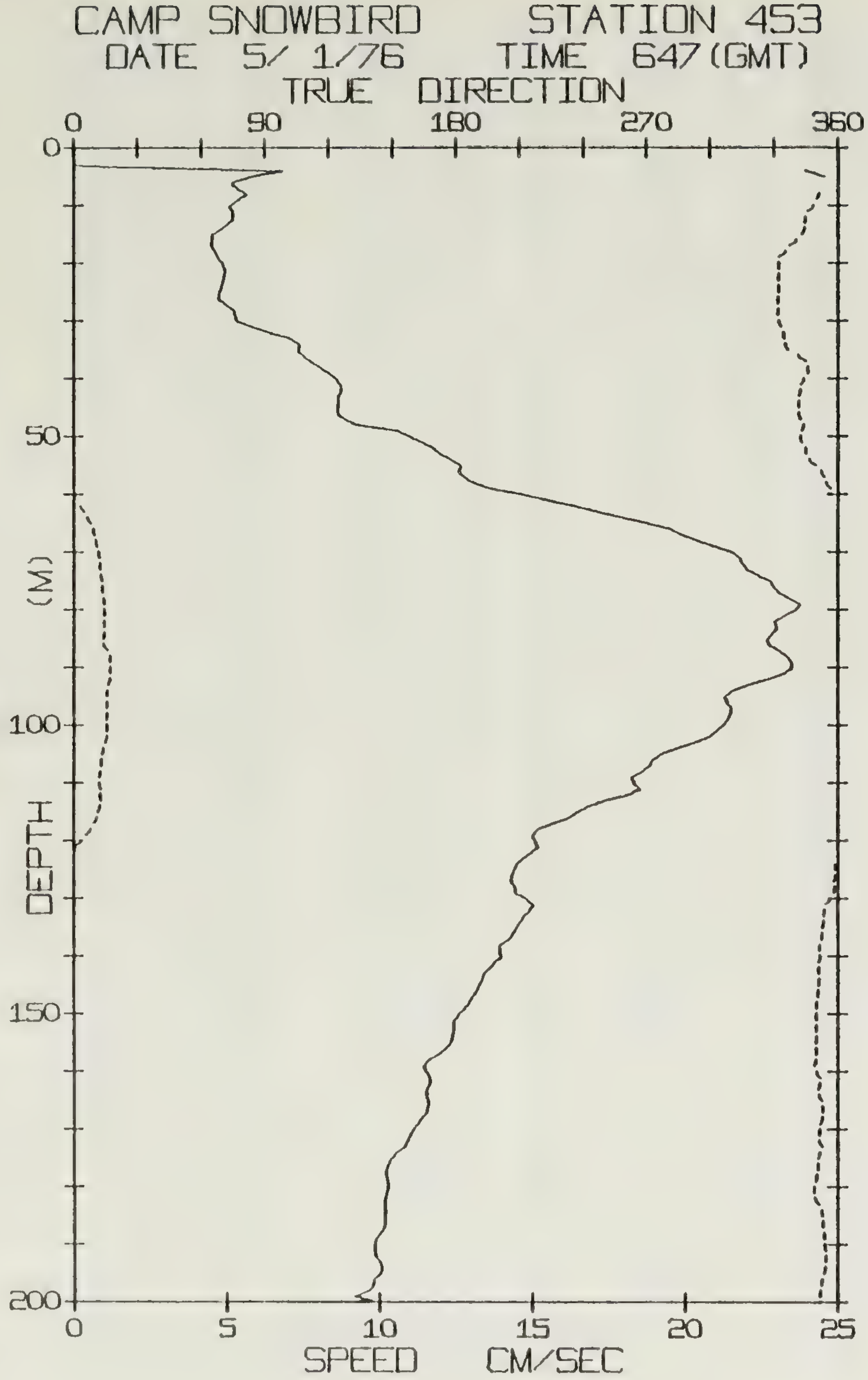
```
SNOWBIRD STATION 450     (199M.)        4/JAN/76       643 GMT
LAT= 74.0504N  LONG= 145.6394W  LTER=      0    LGER=      0
NIVEL=  16.0   EIVEL=  -5.6     NVER=      0.   EVER=      0

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   11.5   297.7      134   10.1   306.5
  1.   0.0   999.9       68   11.8   296.3      135   10.1   306.0
  2    0.0   999.9       69   12.1   296.5      136   10.0   305.4
  3    0.0   999.9       70   12.1   296.4      137   10.0   305.9
  4   16.7   341.2       71   12.9   296.6      138   10.1   306.7
  5   12.0   331.9       72   13.0   297.6      139   10.2   307.6
  6   10.2   358.8       73   13.4   297.4      140   10.3   308.9
  7    9.7     1.6       74   13.6   296.4      141   10.3   310.5
  8    9.6     5.3       75   13.7   295.1      142   10.1   312.8
  9    9.5     7.3       76   13.8   293.9      143   10.2   313.6
 10    9.4     8.7       77   13.9   294.3      144   10.3   313.2
 11    9.2     9.2       78   14.3   296.2      145   10.4   312.5
 12    8.9     9.3       79   14.2   298.5      146   10.0   312.9
 13    8.2     8.2       80   14.2   300.2      147    9.7   313.1
 14    7.5    10.1       81   14.2   301.3      148    9.6   312.8
 15    7.1    13.7       82   14.5   301.0      149    9.5   312.5
 16    6.4    13.5       83   14.7   300.8      150    9.6   312.7
 17    6.3    12.6       84   14.7   300.6      151    9.6   313.0
 18    6.4    12.4       85   14.5   300.2      152    9.6   313.4
 19    6.4    11.8       86   13.9   299.2      153    9.8   314.4
 20    6.4    11.6       87   13.8   299.3      154    9.9   315.5
 21    6.4    12.0       88   13.8   299.6      155    9.7   316.7
 22    6.3    12.2       89   13.8   299.3      156    9.4   317.8
 23    5.8    12.2       90   13.8   298.7      157    9.3   319.1
 24    5.2    12.0       91   13.8   298.1      158    9.4   319.7
 25    5.3    10.1       92   13.8   298.0      159    9.5   320.4
 26    5.9     4.3       93   13.8   298.8      160    9.4   321.5
 27    5.9     4.5       94   13.8   299.3      161    9.0   321.9
 28    5.6     6.0       95   13.7   300.2      162    8.7   323.2
 29    5.5     1.3       96   13.7   301.4      163    8.8   323.7
 30    5.6     1.1       97   13.7   301.1      164    8.9   324.1
 31    5.7     0.9       98   13.8   300.8      165    8.8   323.9
 32    5.3   356.4       99   13.8   301.3      166    8.6   323.0
 33    6.0   344.7      100   13.8   301.1      167    8.6   322.6
 34    6.7   333.1      101   13.7   300.6      168    8.7   323.2
 35    6.8   325.0      102   13.7   300.9      169    8.8   323.8
 36    7.1   319.0      103   13.8   302.1      170    8.8   323.5
 37    7.6   314.6      104   13.7   300.6      171    8.7   323.0
 38    8.2   312.7      105   13.5   300.7      172    8.6   322.4
 39    9.0   311.8      106   13.2   301.5      173    8.4   321.8
 40    9.7   311.2      107   13.1   301.1      174    7.9   326.0
 41    9.7   311.3      108   13.1   302.2      175    8.0   326.5
 42    9.8   311.1      109   13.2   304.0      176    8.2   327.4
 43    9.9   312.4      110   13.2   304.1      177    8.6   328.6
 44   10.1   313.9      111   13.2   303.7      178    8.6   328.6
 45   10.1   315.6      112   13.2   303.7      179    8.4   327.9
 46   10.0   316.3      113   13.2   304.1      180    8.2   330.7
 47   10.0   316.2      114   13.2   304.4      181    8.2   332.0
 48    9.9   315.3      115   13.2   304.8      182    8.2   332.0
 49    9.9   313.9      116   13.2   305.0      183    8.2   331.9
 50    9.9   312.1      117   12.7   305.2      184    8.1   331.8
 51    9.9   311.7      118   12.1   305.6      185    8.0   331.6
 52   10.2   313.1      119   12.2   306.3      186    7.8   331.3
 53   10.5   314.4      120   12.3   307.5      187    7.5   330.5
 54   10.5   313.4      121   12.2   306.3      188    7.1   329.5
 55   10.1   311.5      122   12.2   304.8      189    7.2   329.7
 56    9.8   309.7      123   12.1   303.0      190    7.4   330.2
 57   10.6   309.8      124   11.6   301.2      191    7.3   334.0
 58   10.7   310.7      125   11.6   303.3      192    7.4   334.2
 59   10.4   307.2      126   11.6   304.5      193    7.5   334.5
 60   10.3   302.9      127   11.6   302.6      194    7.4   334.4
 61   10.3   297.9      128   11.6   302.6      195    7.3   334.2
 62   11.0   296.0      129   11.6   302.9      196    7.1   334.0
 63   10.9   296.7      130   11.2   302.7      197    7.0   334.0
 64   11.0   300.1      131   10.8   303.9      198    7.2   334.3
 65   11.1   302.0      132   10.2   306.1      199    7.0   334.0
 66   11.1   302.2      133   10.1   306.7
```

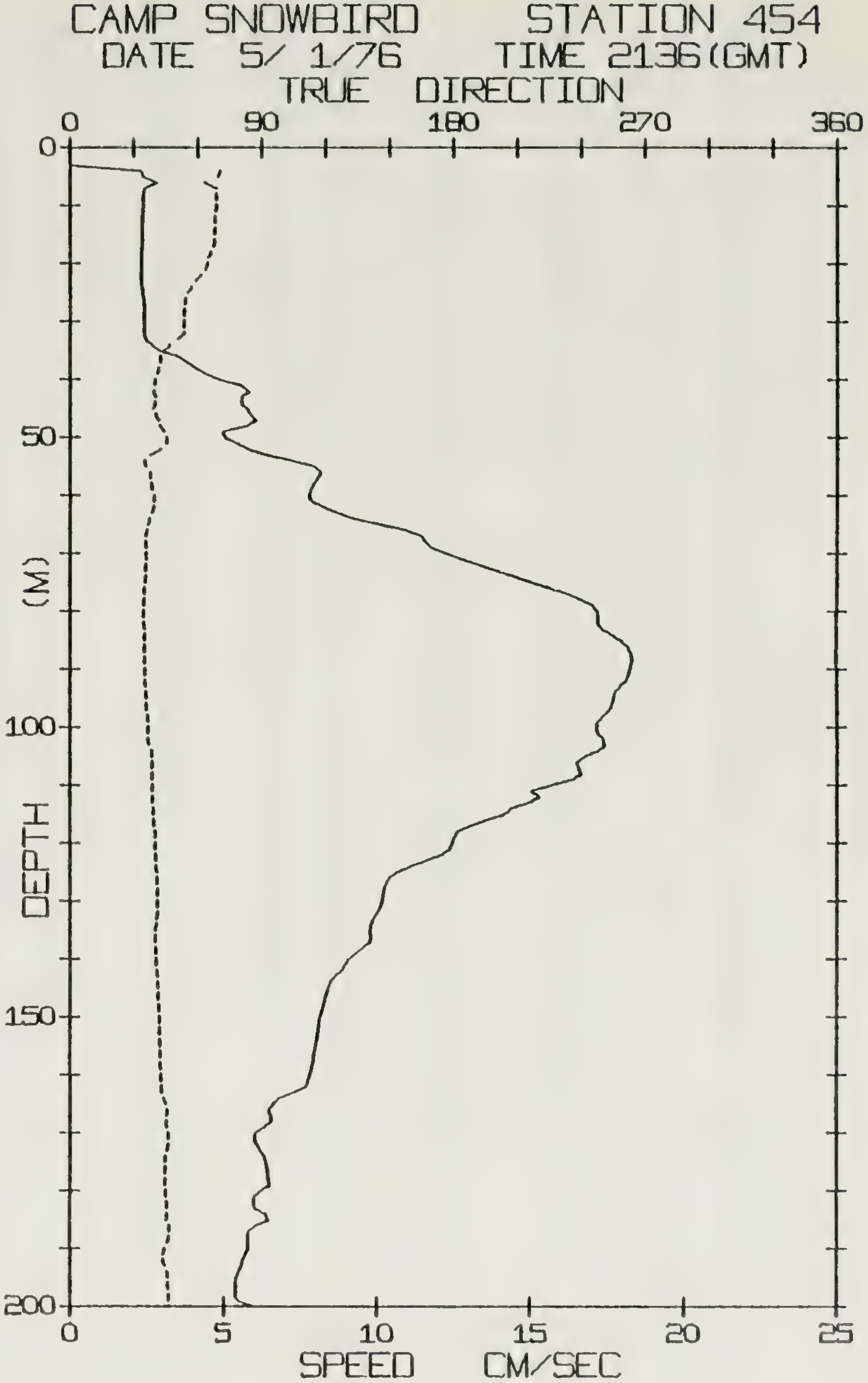

CAMP SNOWBIRD STATION 451
DATE 4/ 1/76 TIME 2134(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
10
20
30
40
50
SPEED CM/SEC


CAMP SNOWBIRD STATION 452
DATE 5/ 1/76 TIME 548(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
10
20
30
40
50
SPEED CM/SEC

```
SNOWBIRD STATION 451     (200M. )      4/JAN/76      2134 GMT
LAT= 74.1313N  LONG= 145.7769W  LTER=     0.   LCER=      1.
NIVEL=  13.5   EIVEL=  -6.9     NVER=     0.   EVER=      0.

 DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
   0   0.0  999.9        67  21.5  339.6       134  20.1  346.8
   1   0.0  999.9        68  21.8  340.8       135  19.8  346.3
   2   0.0  999.9        69  22.1  341.9       136  19.6  345.6
   3   0.0  999.9        70  22.3  343.1       137  19.3  345.1
   4   9.9  345.4        71  22.4  344.3       138  19.2  344.8
   5   8.3  351.6        72  22.4  344.8       139  19.1  344.6
   6   7.9  354.4        73  22.4  345.3       140  19.0  344.4
   7   7.1  356.6        74  22.5  345.8       141  18.9  344.2
   8   5.9    1.2        75  22.7  346.2       142  18.8  343.9
   9   5.9    2.1        76  23.0  346.7       143  18.7  343.6
  10   5.7    4.4        77  23.2  347.1       144  18.6  343.4
  11   5.4    6.8        78  23.4  348.0       145  18.5  343.2
  12   5.0    7.1        79  23.6  349.0       146  18.3  343.2
  13   4.8    3.2        80  23.8  349.6       147  18.0  343.2
  14   4.9    1.0        81  24.0  349.9       148  17.8  343.0
  15   4.9    0.8        82  24.3  350.3       149  17.5  342.8
  16   4.9    0.8        83  24.4  351.1       150  17.2  342.3
  17   4.8  359.2        84  24.6  351.6       151  17.0  341.8
  18   4.6  356.9        85  24.6  351.6       152  16.7  341.3
  19   4.4  358.2        86  24.9  351.9       153  16.4  341.0
  20   4.2    0.2        87  25.3  352.4       154  16.2  340.2
  21   4.0    2.2        88  25.7  352.8       155  16.1  339.1
  22   3.8    4.0        89  26.1  353.2       156  16.1  339.0
  23   3.7    5.4        90  26.1  353.2       157  16.1  339.0
  24   3.6    5.9        91  25.8  353.0       158  16.0  339.3
  25   3.3   10.5        92  25.8  352.9       159  15.6  339.9
  26   3.0   17.4        93  25.7  352.9       160  15.3  340.2
  27   3.2   25.1        94  25.6  352.8       161  15.0  340.2
  28   3.1   14.7        95  25.4  352.6       162  14.8  340.2
  29   3.0  353.8        96  25.5  352.8       163  14.6  340.0
  30   5.1  330.2        97  25.7  352.9       164  14.4  339.8
  31   7.6  329.8        98  25.9  353.1       165  14.2  339.6
  32   8.2  329.3        99  26.3  352.4       166  14.1  339.2
  33   8.6  327.6       100  26.5  352.5       167  13.9  338.9
  34   9.6  327.2       101  26.3  352.4       168  13.9  338.9
  35  10.4  325.1       102  26.3  352.4       169  13.9  338.8
  36  10.9  324.0       103  26.7  352.9       170  13.8  339.2
  37  11.1  324.1       104  26.9  354.1       171  13.6  339.3
  38  11.2  325.2       105  27.2  354.4       172  13.3  339.1
  39  11.8  326.5       106  27.4  354.6       173  13.2  339.1
  40  11.9  327.2       107  27.3  354.5       174  13.1  339.4
  41  11.9  328.8       108  27.0  354.2       175  13.1  339.8
  42  11.9  330.7       109  26.6  353.9       176  13.0  340.0
  43  12.0  331.6       110  26.3  353.6       177  12.9  340.3
  44  12.5  331.9       111  26.1  353.4       178  12.8  340.7
  45  12.8  331.9       112  25.8  353.1       179  12.7  341.4
  46  13.1  331.2       113  25.4  352.7       180  12.5  342.0
  47  13.0  328.5       114  25.0  352.5       181  12.4  342.1
  48  14.6  327.3       115  24.5  353.4       182  12.3  342.3
  49  14.7  325.5       116  24.5  353.3       183  12.3  342.7
  50  15.0  325.3       117  24.3  353.2       184  12.3  342.9
  51  15.4  325.6       118  24.2  353.0       185  12.2  342.8
  52  15.9  325.6       119  24.0  352.8       186  12.1  342.7
  53  16.5  325.8       120  23.7  352.4       187  12.0  342.3
  54  16.9  325.8       121  23.4  352.0       188  11.9  341.7
  55  17.1  325.8       122  23.1  351.6       189  11.8  341.2
  56  17.5  326.1       123  22.8  351.1       190  11.7  341.1
  57  18.0  327.1       124  22.5  350.7       191  11.6  341.4
  58  18.4  327.7       125  22.2  350.2       192  11.6  341.8
  59  18.6  328.3       126  21.9  349.7       193  11.5  342.0
  60  19.2  329.4       127  21.6  349.3       194  11.5  342.9
  61  19.9  330.7       128  21.3  348.9       195  11.5  344.1
  62  20.1  332.1       129  21.3  348.7       196  11.5  344.7
  63  20.3  333.6       130  21.2  348.6       197  11.5  344.7
  64  20.6  335.2       131  21.0  348.4       198  11.7  344.2
  65  20.9  336.7       132  20.7  348.0       199  11.7  343.9
  66  21.2  338.3       133  20.4  347.3       200  11.4  345.4
```

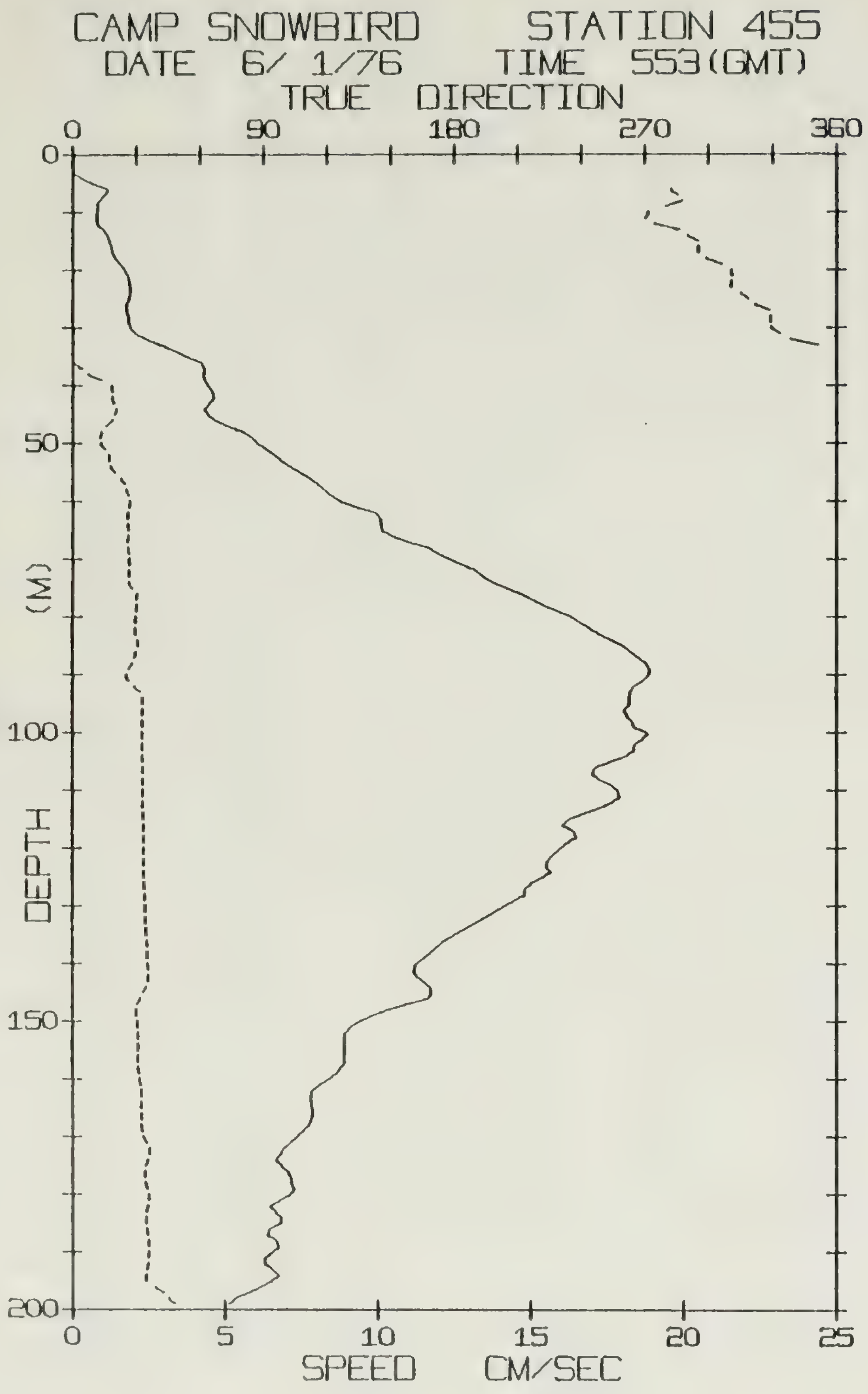
```
SNOWBIRD STATION 452     (150M. )      5/JAN/76       548 GMT
LAT= 74.1610N  LONG= 145.8386W  LTER=     0.   LGER=      1.
NIVEL=   9.9   EIVEL=  -5.0     NVER=     0.   EVER=      0.

 DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
   0   0.0  999.9        67  26.2   12.7       134  16.3  353.9
   1   0.0  999.9        68  27.1   13.4       135  16.1  353.5
   2   0.0  999.9        69  27.7   13.9       136  16.1  353.2
   3   0.0  999.9        70  27.4   13.7       137  16.2  352.3
   4   8.3  351.1        71  27.1   13.4       138  16.1  351.9
   5   7.8  349.6        72  27.7   13.9       139  15.6  354.4
   6   7.4  348.0        73  28.1   14.2       140  14.8  356.9
   7   7.0  351.0        74  28.3   14.4       141  14.6  356.2
   8   6.6  354.3        75  28.6   14.6       142  14.5  355.6
   9   6.1  354.6        76  28.8   14.8       143  14.3  354.9
  10   6.1  352.3        77  29.0   14.9       144  14.6  355.9
  11   6.2  351.6        78  29.1   14.9       145  14.8  356.8
  12   6.1  349.9        79  28.7   14.7       146  14.4  355.2
  13   5.7  342.2        80  28.5   14.5       147  14.1  355.0
  14   5.7  339.6        81  28.9   14.8       148  13.8  355.0
  15   5.8  339.0        82  29.3   15.1       149  14.0  356.1
  16   6.0  338.4        83  29.1   15.0       150  14.4  358.2
  17   6.1  338.0        84  29.1   15.0
  18   6.3  335.2        85  29.5   15.2
  19   6.4  333.8        86  29.8   15.5
  20   6.5  333.8        87  29.5   15.3
  21   6.4  330.4        88  29.0   14.9
  22   6.3  329.2        89  28.5   14.6
  23   6.2  329.1        90  28.0   14.2
  24   6.1  329.0        91  27.7   13.9
  25   6.3  329.2        92  27.3   13.6
  26   6.5  329.6        93  27.0   13.4
  27   6.8  330.1        94  26.6   13.1
  28   7.1  330.5        95  26.7   13.2
  29   7.4  330.8        96  26.8   13.2
  30   7.6  331.8        97  26.7   13.2
  31   7.9  335.1        98  26.7   13.1
  32   8.9  339.0        99  26.0   16.2
  33   9.6  338.5       100  25.5   16.5
  34   9.7  339.4       101  25.2   16.3
  35   9.9  340.3       102  24.8   16.0
  36  10.0  340.8       103  24.5   15.7
  37  10.1  341.1       104  24.6   15.9
  38  10.1  341.4       105  24.3   15.7
  39  10.2  341.5       106  23.9   15.3
  40  10.2  341.5       107  23.4   14.9
  41  10.2  341.5       108  23.0   14.4
  42  10.2  341.6       109  22.6   14.0
  43  10.2  341.6       110  22.7   14.2
  44  10.2  341.7       111  22.2   13.5
  45  10.4  342.0       112  21.1   15.4
  46  10.6  342.3       113  20.5   15.0
  47  11.0  342.5       114  20.0   14.1
  48  11.8  341.5       115  19.5   13.3
  49  12.1  340.6       116  19.6   13.4
  50  12.1  340.5       117  19.0   12.3
  51  12.6  341.5       118  18.5   11.1
  52  14.0  345.9       119  18.5    7.8
  53  14.5  348.1       120  19.6    2.5
  54  14.3  351.6       121  20.1  358.6
  55  14.2  353.9       122  19.7  358.1
  56  14.4  355.4       123  19.3  357.4
  57  15.1  357.0       124  18.9  356.8
  58  16.7  359.3       125  18.5  356.2
  59  18.5  359.6       126  18.1  355.6
  60  20.1    1.8       127  18.0  355.2
  61  21.3    7.3       128  17.8  354.8
  62  22.7    9.1       129  17.6  354.4
  63  23.4   10.0       130  17.4  354.1
  64  24.2   10.8       131  17.2  353.7
  65  24.9   11.5       132  17.0  353.2
  66  25.6   12.1       133  16.7  353.1
```

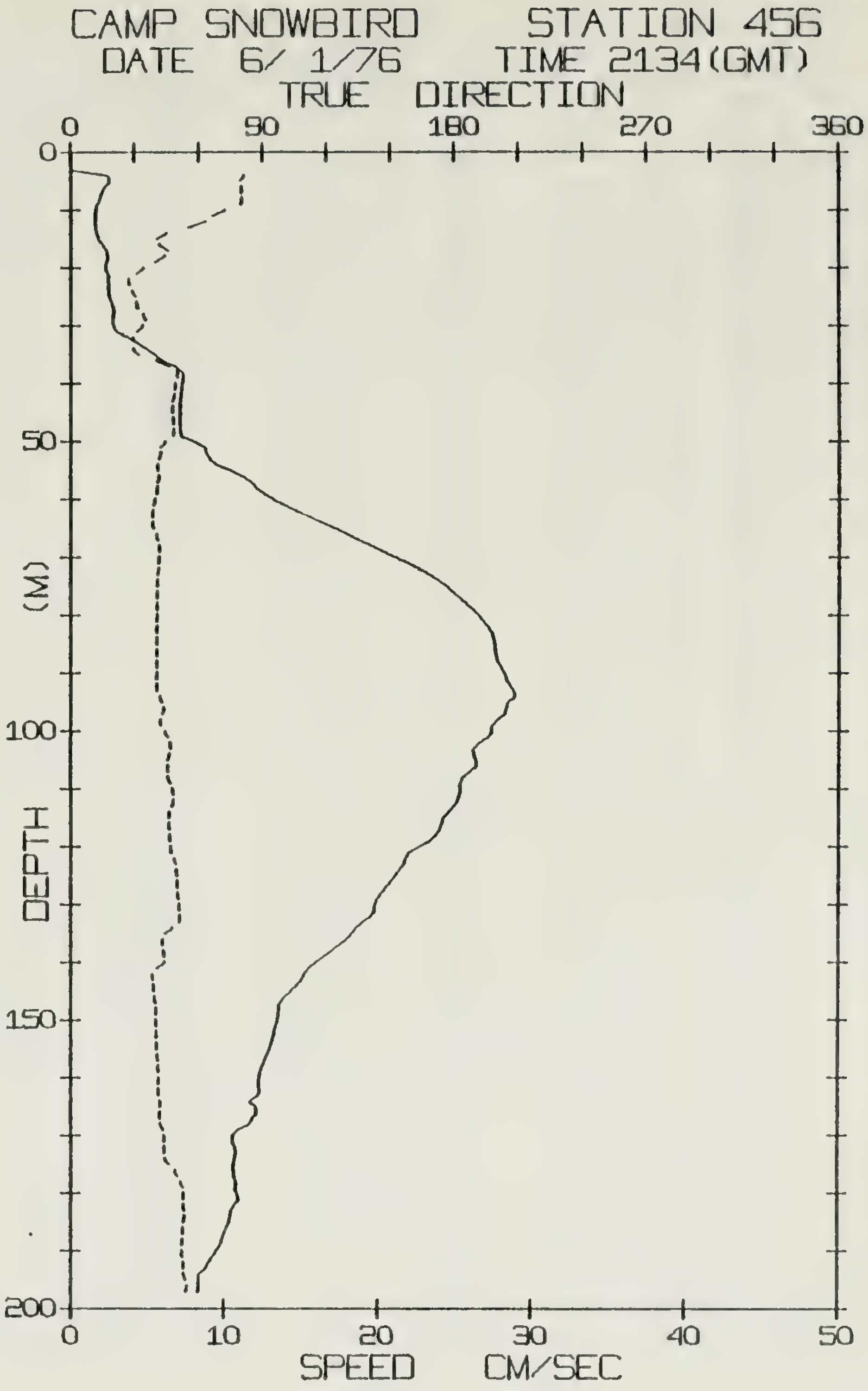

CAMP SNOWBIRD STATION 453
DATE 5/ 1/76 TIME 647(GMT)
TRUE DIRECTION


CAMP SNOWBIRD STATION 454
DATE 5/ 1/76 TIME 2136(GMT)
TRUE DIRECTION

```
SNOWBIRD STATION 453     (200M )       5/JAN/76       647 GMT
LAT= 74.1640N  LONG= 145.8444W  LTER=     1.   LOER=     1.
NIVEL=   8.9   EIVEL=  -4.6     NVER=     0.   EVER=     0.

DPT    SPD   DRN       DPT    SPD    DRN       DPT   SPD    DRN
  0    0.0  999.9       67   19.9     9.8      134   14.6   353.0
  1    0.0  999.9       68   20.4    10.5      135   14.5   352.7
  2    0.0  999.9       69   21.0    11.3      136   14.4   352.5
  3    0.0  999.9       70   21.5    12.0      137   14.2   352.2
  4    6.8  345.2       71   21.8    12.3      138   14.0   351.4
  5    5.8  353.1       72   21.9    12.5      139   13.9   351.4
  6    5.2    0.9       73   22.0    12.6      140   14.0   351.8
  7    5.3  358.0       74   22.4    13.0      141   13.8   351.1
  8    5.7  351.3       75   22.8    13.5      142   13.6   350.9
  9    5.4  350.2       76   22.9    13.6      143   13.4   351.4
 10    5.1  348.5       77   23.1    13.8      144   13.3   351.2
 11    5.2  346.2       78   23.4    14.2      145   13.3   351.1
 12    5.2  344.6       79   23.7    14.7      146   13.2   350.9
 13    5.1  344.3       80   23.6    14.6      147   13.1   350.5
 14    4.8  344.0       81   23.3    14.4      148   12.9   350.1
 15    4.5  342.8       82   22.9    14.1      149   12.8   349.9
 16    4.5  340.4       83   23.0    14.2      150   12.6   349.7
 17    4.5  337.4       84   22.9    14.2      151   12.4   349.6
 18    4.6  335.4       85   22.7    14.0      152   12.4   349.6
 19    4.7  332.4       86   22.7    14.2      153   12.4   349.8
 20    4.9  332.3       87   23.1    15.9      154   12.4   349.8
 21    5.0  332.2       88   23.3    17.1      155   12.3   349.9
 22    4.9  332.1       89   23.5    17.3      156   12.2   350.2
 23    4.9  332.1       90   23.5    17.4      157   11.9   350.2
 24    4.8  332.0       91   23.3    17.3      158   11.6   349.4
 25    4.8  332.0       92   22.7    16.8      159   11.4   348.7
 26    4.7  331.9       93   22.1    16.1      160   11.5   350.1
 27    5.0  331.9       94   21.6    15.5      161   11.7   351.8
 28    5.2  332.0       95   21.3    15.3      162   11.6   351.6
 29    5.3  331.7       96   21.4    15.5      163   11.6   350.8
 30    5.4  332.6       97   21.5    15.7      164   11.5   351.4
 31    5.9  333.4       98   21.5    15.8      165   11.6   352.7
 32    6.4  334.5       99   21.4    15.7      166   11.6   353.2
 33    7.1  335.0      100   21.2    15.6      167   11.5   353.4
 34    7.4  335.4      101   21.0    15.4      168   11.4   352.7
 35    7.4  336.7      102   20.8    15.2      169   11.3   351.8
 36    7.5  341.6      103   20.3    14.6      170   11.1   351.4
 37    7.8  344.8      104   19.7    13.7      171   11.0   351.3
 38    8.1  345.7      105   19.2    13.0      172   10.9   351.8
 39    8.3  345.7      106   19.0    12.7      173   10.8   352.9
 40    8.6  344.0      107   18.8    12.5      174   10.6   351.6
 41    8.7  342.7      108   18.6    12.2      175   10.4   350.7
 42    8.7  342.0      109   18.2    11.6      176   10.3   350.8
 43    8.7  341.7      110   18.3    11.9      177   10.2   350.9
 44    8.6  341.6      111   18.5    12.8      178   10.2   350.2
 45    8.6  341.7      112   18.2    12.5      179   10.3   349.5
 46    8.7  341.8      113   17.4    12.9      180   10.3   348.8
 47    8.9  342.7      114   16.9    12.2      181   10.2   348.9
 48    9.3  343.8      115   16.5    11.3      182   10.2   349.5
 49   10.6  343.1      116   16.2    10.6      183   10.2   351.4
 50   11.0  342.4      117   15.7     9.3      184   10.2   352.6
 51   11.4  343.2      118   15.2     7.9      185   10.2   353.1
 52   11.8  344.9      119   15.0     6.0      186   10.2   353.4
 53   12.0  345.4      120   15.1     3.6      187   10.1   353.6
 54   12.4  346.8      121   15.2     0.8      188   10.0   353.9
 55   12.7  349.4      122   15.0     0.3      189    9.9   354.1
 56   12.6  352.5      123   14.7   359.5      190    9.8   354.3
 57   12.8  353.9      124   14.5   358.8      191    9.9   354.5
 58   13.1  354.8      125   14.4   358.5      192    9.9   354.6
 59   13.6  356.8      126   14.3   358.4      193   10.0   354.5
 60   14.7  359.9      127   14.3   358.3      194   10.1   354.2
 61   15.5    1.8      128   14.4   358.6      195   10.0   353.5
 62   16.3    3.2      129   14.5   358.6      196    9.8   352.5
 63   17.1    5.0      130   14.8   356.6      197    9.8   352.1
 64   17.9    6.6      131   15.0   354.3      198    9.7   351.9
 65   18.8    8.1      132   14.9   353.7      199    9.2   351.6
 66   19.5    9.2      133   14.7   353.2      200   10.0   348.1
```

```
SNOWBIRD STATION 454     (200M.)       5/JAN/76      2136 GMT
LAT= 74.1837N  LONG= 145.8650W  LTER=     1.   LGER=     2.
NIVEL=   0.9   EIVEL=   2.6     NVER=     0.   EVER=     0.

DPT    SPD   DRN       DPT    SPD    DRN       DPT   SPD    DRN
  0    0.0  999.9       67   11.5    35.4      134    9.8    40.3
  1    0.0  999.9       68   11.6    35.6      135    9.8    39.9
  2    0.0  999.9       69   11.8    35.8      136    9.8    39.9
  3    0.0  999.9       70   12.3    35.8      137    9.8    40.0
  4    2.3   70.3       71   12.8    35.6      138    9.5    40.2
  5    2.4   69.0       72   13.4    35.4      139    9.3    40.5
  6    2.8   63.4       73   13.9    35.2      140    9.1    40.8
  7    2.4   68.1       74   14.5    35.0      141    9.0    40.8
  8    2.4   68.8       75   15.1    34.9      142    8.8    40.9
  9    2.4   68.6       76   15.6    34.7      143    8.6    41.1
 10    2.4   68.4       77   16.2    34.6      144    8.5    41.4
 11    2.4   68.2       78   16.7    34.5      145    8.4    41.5
 12    2.3   68.1       79   17.1    34.4      146    8.3    41.6
 13    2.3   67.9       80   17.2    34.3      147    8.3    41.7
 14    2.3   67.7       81   17.2    34.4      148    8.2    41.8
 15    2.3   67.6       82   17.2    34.7      149    8.2    41.9
 16    2.3   67.4       83   17.4    34.9      150    8.1    42.0
 17    2.3   67.2       84   17.7    34.9      151    8.1    42.0
 18    2.3   66.2       85   17.9    34.9      152    8.1    42.1
 19    2.3   64.6       86   18.2    34.9      153    8.0    42.2
 20    2.3   64.1       87   18.3    35.0      154    8.0    42.2
 21    2.3   63.5       88   18.3    35.1      155    8.0    42.3
 22    2.3   61.2       89   18.3    35.1      156    8.0    42.4
 23    2.3   59.0       90   18.2    35.2      157    7.9    42.5
 24    2.4   57.1       91   18.2    35.3      158    7.9    42.6
 25    2.4   55.3       92   18.1    35.4      159    7.8    42.7
 26    2.4   54.2       93   17.9    35.6      160    7.8    42.8
 27    2.4   53.7       94   17.7    35.7      161    7.7    42.8
 28    2.4   53.6       95   17.7    35.8      162    7.7    42.9
 29    2.4   53.5       96   17.6    36.0      163    7.3    43.5
 30    2.4   53.5       97   17.6    36.1      164    6.8    44.4
 31    2.4   53.4       98   17.4    36.3      165    6.6    45.0
 32    2.4   53.3       99   17.2    36.6      166    6.5    45.7
 33    2.5   50.9      100   17.2    36.7      167    6.6    45.2
 34    2.7   46.7      101   17.2    36.7      168    6.5    44.9
 35    2.9   44.1      102   17.4    36.6      169    6.3    45.5
 36    3.6   42.2      103   17.4    37.4      170    6.0    46.3
 37    3.8   42.3      104   17.2    38.5      171    6.0    46.3
 38    4.1   41.4      105   16.8    38.7      172    6.1    45.8
 39    4.4   40.7      106   16.5    38.7      173    6.2    45.2
 40    4.9   39.8      107   16.6    38.5      174    6.3    44.6
 41    5.6   39.3      108   16.7    38.5      175    6.4    44.5
 42    5.8   39.1      109   16.4    38.6      176    6.4    44.5
 43    5.6   40.3      110   15.7    38.8      177    6.5    44.4
 44    5.6   39.9      111   15.0    39.0      178    6.5    44.5
 45    5.8   39.0      112   15.3    38.9      179    6.5    44.4
 46    5.9   40.2      113   15.0    39.0      180    6.2    44.8
 47    6.1   41.9      114   14.4    39.2      181    6.0    45.3
 48    5.8   42.6      115   14.2    39.0      182    6.0    45.5
 49    5.0   44.4      116   13.6    39.3      183    6.0    45.5
 50    5.1   45.4      117   13.1    39.7      184    6.4    45.1
 51    5.5   45.2      118   12.6    40.0      185    6.5    45.1
 52    5.8   42.4      119   12.5    40.1      186    6.1    46.5
 53    6.4   37.9      120   12.4    40.1      187    5.8    47.0
 54    7.3   35.2      121   12.4    40.1      188    5.8    46.0
 55    8.0   35.7      122   12.1    40.2      189    5.8    45.1
 56    8.2   37.6      123   11.6    40.5      190    5.8    44.1
 57    8.1   38.0      124   11.1    40.7      191    5.7    43.3
 58    7.9   38.5      125   10.7    40.9      192    5.6    43.7
 59    7.8   39.0      126   10.4    41.0      193    5.6    44.7
 60    7.8   39.5      127   10.3    41.0      194    5.5    45.6
 61    7.9   39.7      128   10.2    41.1      195    5.4    46.1
 62    8.3   39.1      129   10.2    41.0      196    5.4    46.1
 63    8.7   38.2      130   10.2    41.0      197    5.4    46.3
 64    9.3   37.2      131   10.1    41.0      198    5.4    46.4
 65   10.1   36.3      132   10.0    41.0      199    5.5    46.3
 66   11.0   35.7      133    9.9    40.7      200    6.1    51.6
```

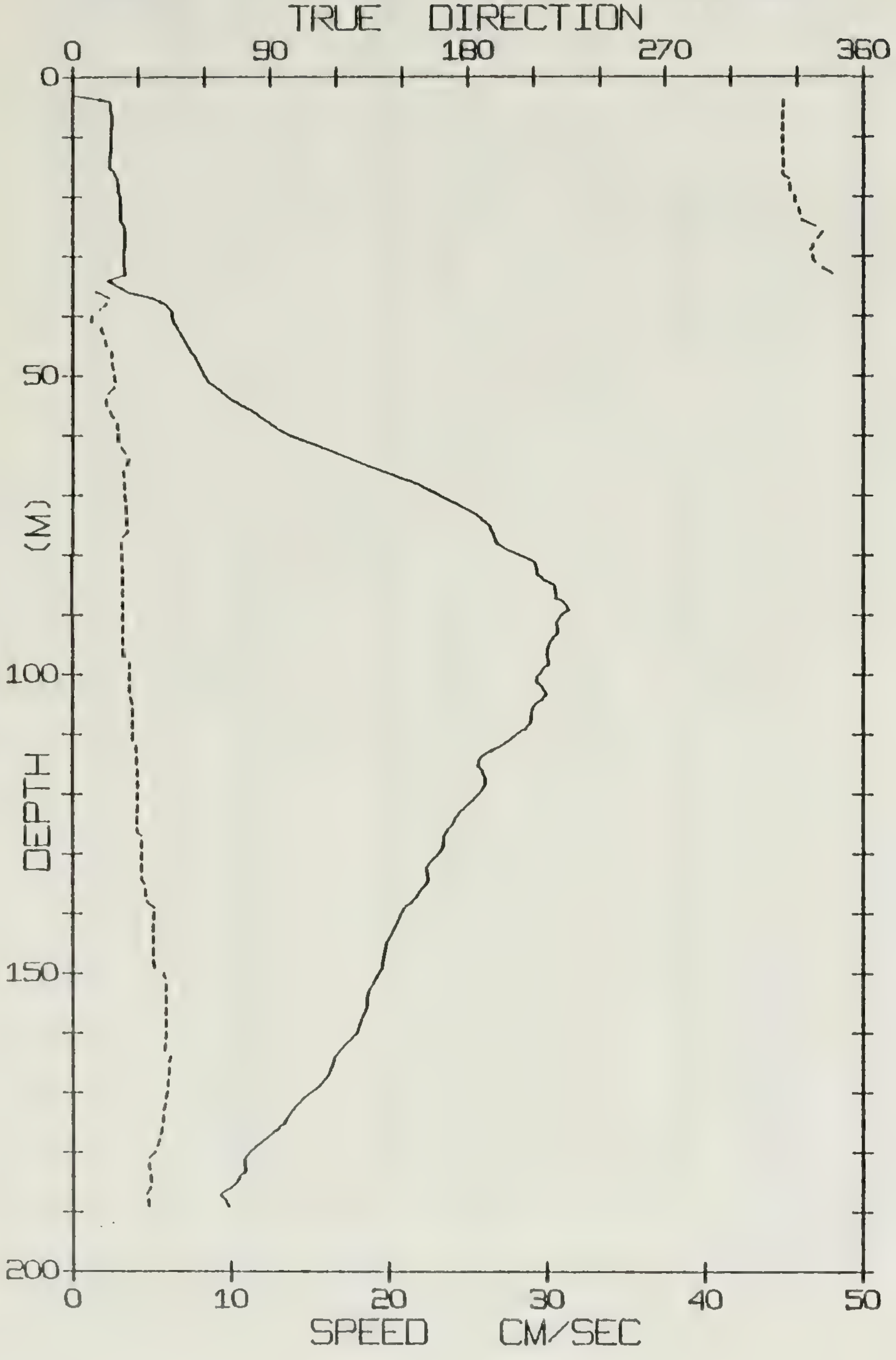

CAMP SNOWBIRD STATION 455
DATE 6/ 1/76 TIME 553(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 456
DATE 6/ 1/76 TIME 2134(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
10
20
30
40
50
SPEED CM/SEC

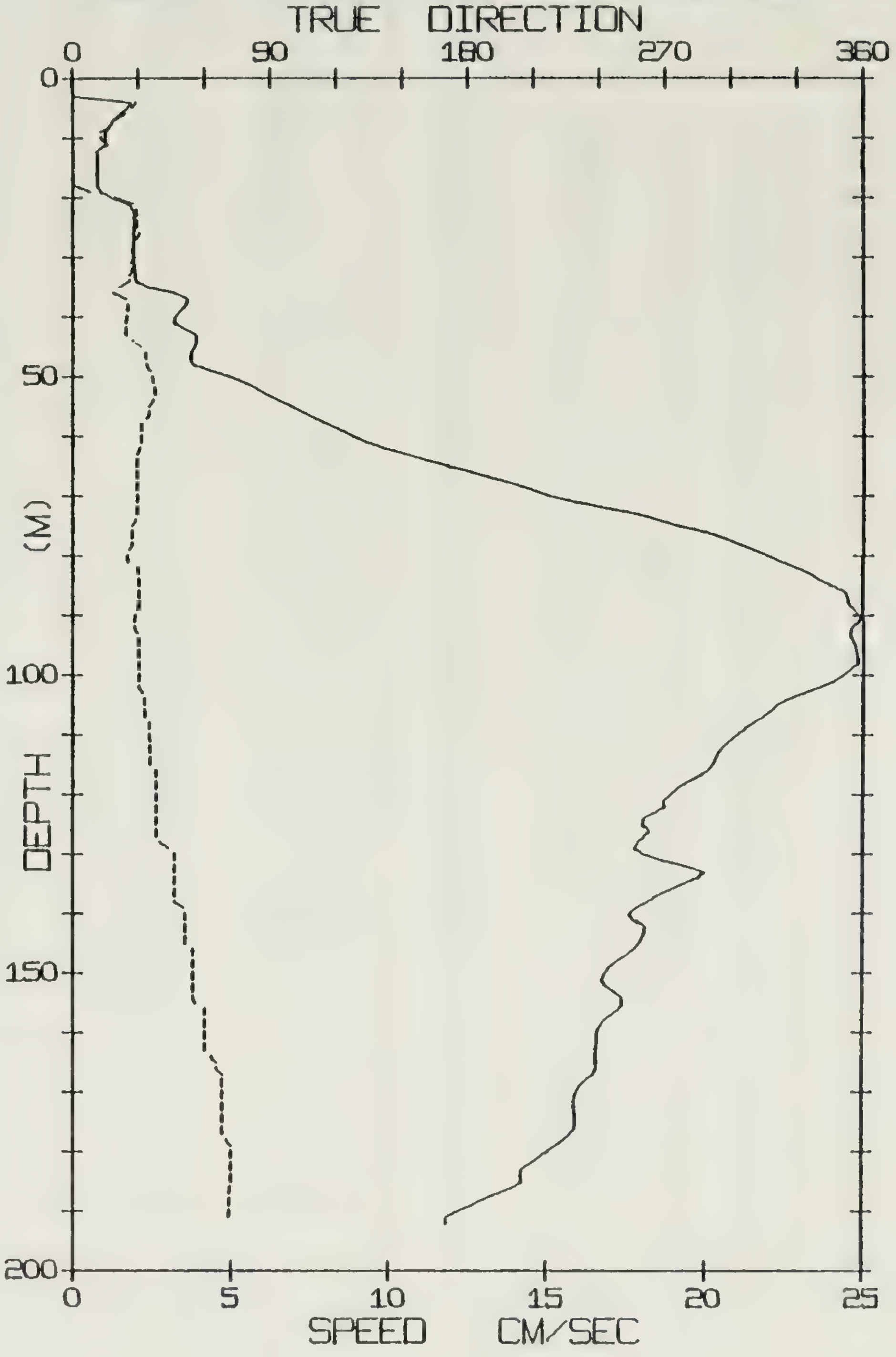
```
SNOWBIRD STATION 455     (199M.)       6/JAN/76      553 GMT
LAT= 74.1855N  LONG= 145.8489W  LTER=     0.  LGER=     1.
NIVEL=    1.0   EIVEL=    2.1   NVER=     0.  EVER=     0.

DPT    SPD   DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0    0.0  999.9       67   11.0   25.9      134   12.8   35.0
  1    0.0  999.9       68   11.7   26.4      135   12.5   35.1
  2    0.0  999.9       69   12.0   27.0      136   12.2   35.4
  3    0.0  999.9       70   12.4   26.9      137   11.9   35.5
  4    0.3  116.2       71   12.8   26.7      138   11.7   35.6
  5    0.7  264.8       72   13.2   26.6      139   11.5   35.7
  6    1.2  282.2       73   13.5   26.5      140   11.3   35.9
  7    1.0  285.2       74   13.8   26.5      141   11.2   35.9
  8    0.8  287.0       75   14.2   28.4      142   11.3   35.8
  9    0.8  279.9       76   14.7   30.3      143   11.5   35.7
 10    0.8  271.7       77   15.1   30.2      144   11.7   34.5
 11    0.8  270.2       78   15.5   30.1      145   11.8   33.2
 12    0.8  274.5       79   15.9   29.9      146   11.6   32.0
 13    1.0  285.8       80   16.4   29.8      147   10.9   30.3
 14    1.2  290.3       81   16.7   29.7      148   10.3   29.8
 15    1.2  294.7       82   17.0   29.5      149    9.8   30.3
 16    1.3  295.4       83   17.3   29.4      150    9.4   30.7
 17    1.3  295.0       84   17.7   30.8      151    9.1   31.0
 18    1.4  299.1       85   18.0   31.1      152    8.9   31.2
 19    1.6  305.7       86   18.3   29.8      153    8.9   31.2
 20    1.7  310.4       87   18.5   28.7      154    8.9   31.2
 21    1.8  311.3       88   18.8   28.0      155    8.9   31.2
 22    1.9  310.5       89   18.9   26.3      156    8.9   31.2
 23    1.9  310.3       90   18.9   25.3      157    8.9   31.3
 24    1.9  315.0       91   18.7   26.6      158    8.8   31.4
 25    1.8  318.8       92   18.4   28.9      159    8.6   31.6
 26    1.7  322.1       93   18.2   32.1      160    8.4   31.9
 27    1.8  328.4       94   18.2   33.0      161    8.1   32.3
 28    1.8  329.1       95   18.2   33.0      162    7.8   32.7
 29    1.9  328.9       96   18.0   33.1      163    7.8   32.7
 30    1.9  329.6       97   18.1   33.1      164    7.8   32.7
 31    2.1  333.5       98   18.3   33.0      165    7.9   32.7
 32    2.4  338.7       99   18.4   33.1      166    7.9   32.7
 33    2.9  351.2      100   18.8   32.9      167    7.8   32.7
 34    3.4  359.0      101   18.7   33.0      168    7.7   32.9
 35    3.8    0.4      102   18.4   33.1      169    7.5   33.2
 36    4.2    0.7      103   18.4   33.1      170    7.3   34.0
 37    4.3    4.2      104   18.1   33.1      171    7.1   35.4
 38    4.3    7.2      105   17.6   33.2      172    6.9   36.6
 39    4.3   13.6      106   17.1   33.4      173    6.8   36.5
 40    4.5   18.6      107   17.0   33.4      174    6.7   35.6
 41    4.6   19.2      108   17.2   33.3      175    6.8   34.5
 42    4.6   19.0      109   17.6   33.3      176    7.1   34.1
 43    4.5   19.9      110   17.9   33.2      177    7.2   34.1
 44    4.3   20.8      111   17.9   33.2      178    7.2   34.9
 45    4.5   20.0      112   17.7   33.3      179    7.3   35.6
 46    4.7   18.6      113   17.3   33.4      180    7.1   36.3
 47    5.1   16.1      114   16.7   33.5      181    6.8   35.9
 48    5.6   13.7      115   16.2   33.7      182    6.5   35.3
 49    5.9   12.8      116   16.0   33.7      183    6.6   35.0
 50    6.1   13.6      117   16.4   33.6      184    6.8   34.6
 51    6.4   15.4      118   16.5   33.6      185    6.8   34.6
 52    6.6   17.2      119   16.2   33.7      186    6.4   35.4
 53    6.9   17.3      120   16.0   33.8      187    6.4   35.8
 54    7.2   18.3      121   15.8   33.8      188    6.7   36.2
 55    7.5   20.2      122   15.6   33.9      189    6.8   36.3
 56    7.8   23.1      123   15.5   33.9      190    6.5   35.9
 57    8.0   24.9      124   15.7   33.8      191    6.3   35.7
 58    8.3   25.8      125   15.4   33.9      192    6.3   35.6
 59    8.5   26.7      126   15.0   34.0      193    6.5   34.9
 60    8.8   27.3      127   14.8   34.1      194    6.7   34.5
 61    9.3   26.7      128   14.8   34.2      195    6.5   34.9
 62   10.0   26.2      129   14.5   34.3      196    6.2   39.0
 63   10.1   26.2      130   14.1   34.4      197    5.8   42.8
 64   10.1   26.4      131   13.8   34.5      198    5.3   45.6
 65   10.2   26.5      132   13.5   34.7      199    5.1   48.5
 66   10.5   26.3      133   13.1   34.8
```

```
SNOWBIRD STATION 456     (197M.)       6/JAN/76     2134 GMT
LAT= 74.1956N  LONG= 145.7733W  LTER=     0   LGER=     1.
NIVEL=    2.9   EIVEL=    5.1   NVER=     0.  EVER=     0.

DPT    SPD   DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0    0.0  999.9       67   18.9   41.7      134   18.6   48.3
  1    0.0  999.9       68   19.7   42.3      135   18.3   44.8
  2    0.0  999.9       69   20.5   42.0      136   18.0   43.3
  3    0.0  999.9       70   21.3   41.8      137   17.5   43.7
  4    2.5   81.5       71   22.1   41.5      138   17.0   44.1
  5    2.6   79.7       72   22.8   41.4      139   16.4   44.5
  6    2.2   80.4       73   23.5   41.2      140   15.9   44.4
  7    2.0   80.1       74   24.0   41.1      141   15.5   40.9
  8    1.9   80.8       75   24.5   41.1      142   15.2   38.6
  9    1.7   79.9       76   25.0   41.0      143   15.0   38.8
 10    1.6   72.8       77   25.4   40.9      144   14.7   39.1
 11    1.6   66.8       78   25.9   40.9      145   14.3   39.4
 12    1.6   63.5       79   26.3   40.8      146   13.9   39.9
 13    1.6   55.7       80   26.7   40.8      147   13.6   40.1
 14    1.8   45.3       81   27.0   40.8      148   13.5   40.2
 15    1.9   41.0       82   27.3   40.8      149   13.5   40.3
 16    2.1   42.1       83   27.5   40.8      150   13.5   40.3
 17    2.4   45.8       84   27.6   40.8      151   13.3   40.5
 18    2.5   44.2       85   27.7   40.8      152   13.2   40.6
 19    2.3   39.7       86   27.7   40.8      153   13.1   40.7
 20    2.3   34.5       87   27.8   40.9      154   13.0   40.9
 21    2.5   31.3       88   27.9   40.9      155   12.9   41.0
 22    2.5   27.4       89   28.1   40.9      156   12.7   41.2
 23    2.5   27.9       90   28.3   41.0      157   12.6   41.4
 24    2.5   29.1       91   28.5   41.0      158   12.5   41.6
 25    2.6   30.8       92   28.7   40.9      159   12.3   41.8
 26    2.7   31.3       93   28.9   41.0      160   12.3   41.9
 27    2.9   32.0       94   28.9   42.5      161   12.2   41.9
 28    2.8   34.3       95   28.5   43.4      162   12.3   41.7
 29    2.8   35.5       96   28.3   44.3      163   12.2   42.0
 30    2.9   34.0       97   28.2   43.5      164   11.7   42.7
 31    3.1   31.4       98   27.8   42.6      165   12.1   42.2
 32    3.8   29.4       99   27.5   42.7      166   12.1   42.1
 33    4.5   31.8      100   27.5   44.8      167   11.8   42.5
 34    5.0   29.7      101   27.2   46.2      168   11.6   42.8
 35    5.6   32.3      102   26.6   47.3      169   10.9   43.9
 36    6.1   41.0      103   26.2   47.5      170   10.5   44.6
 37    6.9   46.6      104   26.3   46.5      171   10.6   44.5
 38    7.4   50.3      105   26.4   45.8      172   10.8   44.1
 39    7.4   50.8      106   26.4   45.8      173   10.7   44.2
 40    7.3   49.5      107   26.0   46.0      174   10.6   44.7
 41    7.2   48.9      108   25.5   46.1      175   10.6   46.6
 42    7.2   48.8      109   25.4   47.4      176   10.6   49.3
 43    7.1   48.1      110   25.4   48.3      177   10.7   50.5
 44    7.1   48.1      111   25.3   48.6      178   10.8   52.1
 45    7.1   48.2      112   25.2   48.6      179   10.7   53.3
 46    7.2   48.6      113   24.9   48.0      180   10.9   53.4
 47    7.2   48.8      114   24.6   46.5      181   11.0   53.4
 48    7.2   48.9      115   24.3   46.4      182   10.6   53.6
 49    7.3   48.6      116   24.1   46.5      183   10.4   53.7
 50    8.1   44.8      117   24.0   46.8      184   10.4   53.7
 51    8.8   42.8      118   23.7   46.9      185   10.3   53.2
 52    8.9   42.4      119   23.4   47.2      186   10.1   52.8
 53    9.1   41.9      120   22.7   47.5      187   10.0   52.9
 54    9.6   41.1      121   22.0   47.7      188    9.8   52.6
 55   10.5   41.6      122   21.8   49.2      189    9.7   52.3
 56   11.3   42.0      123   21.7   50.0      190    9.5   52.5
 57   11.8   41.2      124   21.4   50.1      191    9.2   52.9
 58   12.2   41.0      125   21.2   50.3      192    8.9   53.2
 59   12.7   40.4      126   20.8   50.5      193    8.7   53.4
 60   13.3   39.7      127   20.5   50.7      194    8.4   53.5
 61   14.1   39.0      128   20.2   50.9      195    8.3   54.4
 62   14.8   38.6      129   19.9   51.2      196    8.3   55.0
 63   15.7   38.5      130   19.8   51.3      197    8.3   54.1
 64   16.5   38.5      131   19.8   51.4
 65   17.4   39.4      132   19.5   51.6
 66   18.1   40.5      133   19.0   51.2
```

CAMP SNOWBIRD STATION 457
DATE 7/ 1/76 TIME 630(GMT)

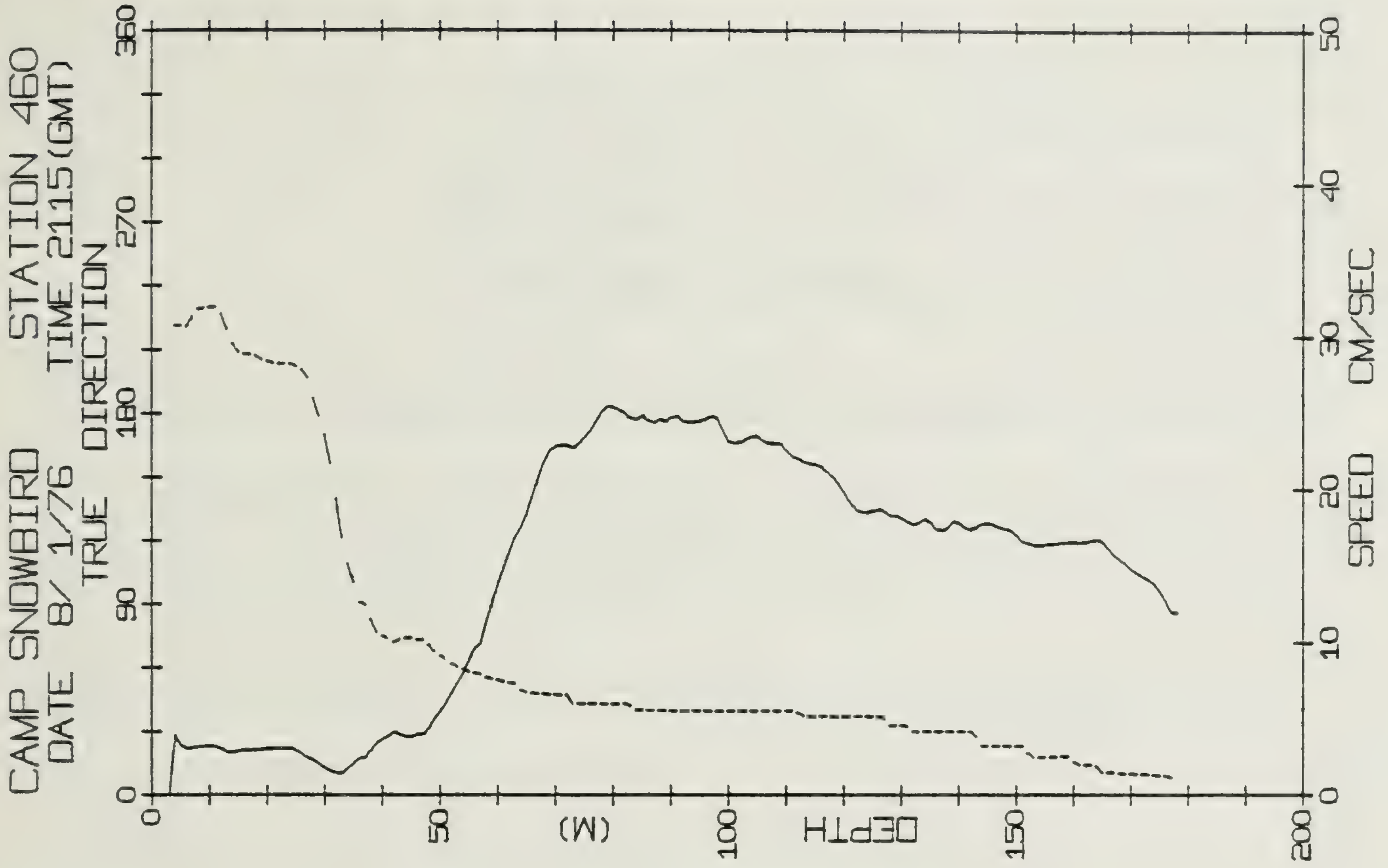


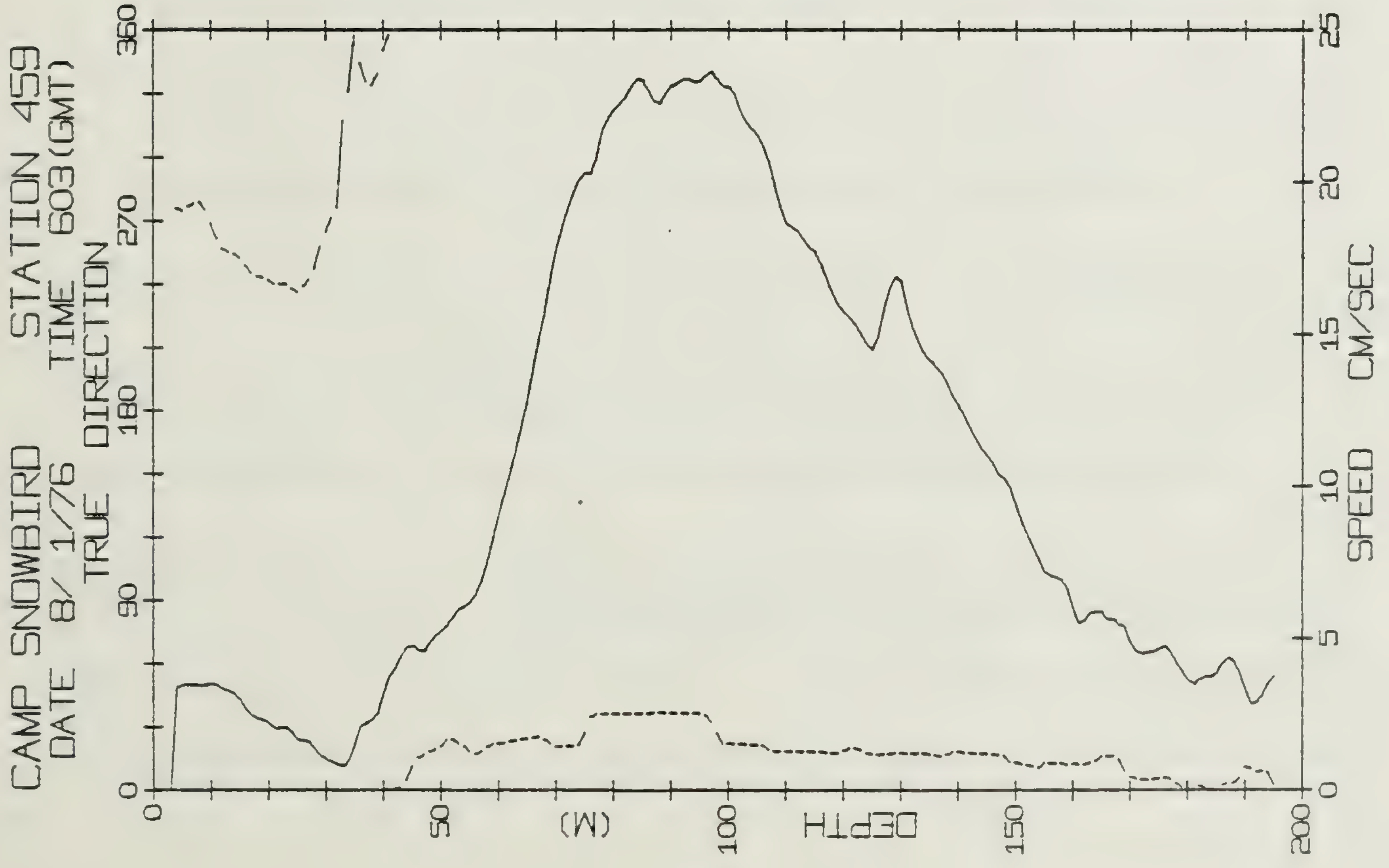
CAMP SNOWBIRD STATION 458
DATE 7/ 1/76 TIME 2130(GMT)



```
SNOWBIRD STATION 457     (189M. )       7/JAN/76        630 GMT
LAT= 74.2060N  LONG= 145.7537W  LTER=      1   LGER=      2.
NIVEL=    3.5   EIVEL=   -1.3   NVER=      0.  EVER=      0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   20.7    23.4       134   22.5    31.4
   1    0.0   999.9        68   21.8    23.7       135   22.4    32.8
   2    0.0   999.9        69   22.5    24.0       136   22.0    33.3
   3    0.0   999.9        70   23.3    24.1       137   21.8    33.2
   4    2.3   323.8        71   24.0    24.4       138   21.5    34.1
   5    2.4   323.3        72   24.8    24.6       139   21.0    37.0
   6    2.5   323.1        73   25.4    24.8       140   20.8    36.9
   7    2.5   323.0        74   26.0    24.9       141   20.6    36.8
   8    2.4   323.1        75   26.4    25.1       142   20.4    36.7
   9    2.4   323.4        76   26.6    25.1       143   20.2    36.8
  10    2.4   323.4        77   26.7    22.9       144   20.0    36.7
  11    2.4   323.4        78   26.9    22.2       145   19.8    36.8
  12    2.4   323.4        79   27.5    22.3       146   19.8    36.8
  13    2.4   323.6        80   28.3    22.5       147   19.7    36.9
  14    2.3   323.8        81   29.2    22.6       148   19.6    36.8
  15    2.3   323.7        82   29.4    22.7       149   19.6    37.5
  16    2.7   323.1        83   29.4    22.7       150   19.3    41.4
  17    2.8   325.8        84   29.8    22.7       151   19.1    42.6
  18    2.9   326.6        85   30.5    22.9       152   18.9    42.5
  19    2.9   327.0        86   30.6    22.9       153   18.7    42.4
  20    3.0   328.7        87   30.6    23.0       154   18.6    42.4
  21    3.0   329.1        88   31.2    23.1       155   18.6    42.5
  22    3.0   330.9        89   31.4    23.1       156   18.6    42.5
  23    3.1   331.4        90   30.9    23.0       157   18.4    42.4
  24    3.1   332.3        91   30.6    23.0       158   18.2    42.4
  25    3.3   338.1        92   30.7    22.9       159   18.1    42.4
  26    3.3   341.1        93   30.7    22.9       160   17.9    42.3
  27    3.3   339.3        94   30.3    22.8       161   17.6    42.1
  28    3.3   337.3        95   30.1    22.8       162   17.2    41.9
  29    3.2   335.8        96   30.0    22.8       163   16.9    41.7
  30    3.2   337.1        97   30.1    23.8       164   16.6    44.3
  31    3.3   338.2        98   30.1    25.9       165   16.4    43.7
  32    3.4   341.5        99   29.8    25.9       166   16.3    43.6
  33    3.4   346.2       100   29.4    25.8       167   16.1    43.5
  34    2.2   333.8       101   29.3    25.9       168   15.9    43.2
  35    2.9     2.1       102   29.7    26.0       169   15.5    42.9
  36    3.6    10.5       103   30.0    26.1       170   15.1    42.5
  37    5.1    16.2       104   29.8    26.8       171   14.6    42.0
  38    5.9    15.0       105   29.2    27.6       172   14.2    41.6
  39    6.2    12.4       106   29.0    27.6       173   13.8    41.2
  40    6.3     8.8       107   29.0    27.6       174   13.6    41.0
  41    6.4     8.3       108   28.9    27.6       175   13.4    40.7
  42    6.7    12.8       109   28.6    27.6       176   13.0    40.2
  43    6.9    13.9       110   28.0    27.5       177   12.5    39.6
  44    7.1    14.8       111   27.5    27.4       178   12.1    38.9
  45    7.3    15.6       112   27.0    28.9       179   11.6    38.2
  46    7.6    17.5       113   26.2    29.6       180   11.2    37.1
  47    7.8    17.4       114   25.7    29.5       181   10.9    34.6
  48    8.0    18.1       115   25.6    29.5       182   10.9    34.9
  49    8.2    18.7       116   25.9    29.6       183   11.0    35.1
  50    8.4    19.2       117   26.1    29.7       184   10.6    35.6
  51    8.6    19.6       118   26.1    29.7       185   10.4    35.9
  52    9.2    18.7       119   25.9    29.7       186   10.0    35.1
  53    9.6    16.3       120   25.6    29.5       187    9.3    33.5
  54   10.1    15.1       121   25.3    29.5       188    9.7    34.4
  55   10.8    15.4       122   24.9    29.4       189    9.9    34.9
  56   11.5    17.1       123   24.5    29.3
  57   12.0    18.8       124   24.2    29.3
  58   12.6    20.2       125   24.0    29.3
  59   13.1    20.6       126   23.7    29.2
  60   13.8    20.5       127   23.5    31.2
  61   14.8    21.2       128   23.5    31.6
  62   15.8    22.5       129   23.4    31.5
  63   16.8    24.0       130   23.1    31.4
  64   17.7    25.6       131   22.7    31.3
  65   18.7    24.6       132   22.4    31.3
  66   19.7    23.3       133   22.4    31.3
```

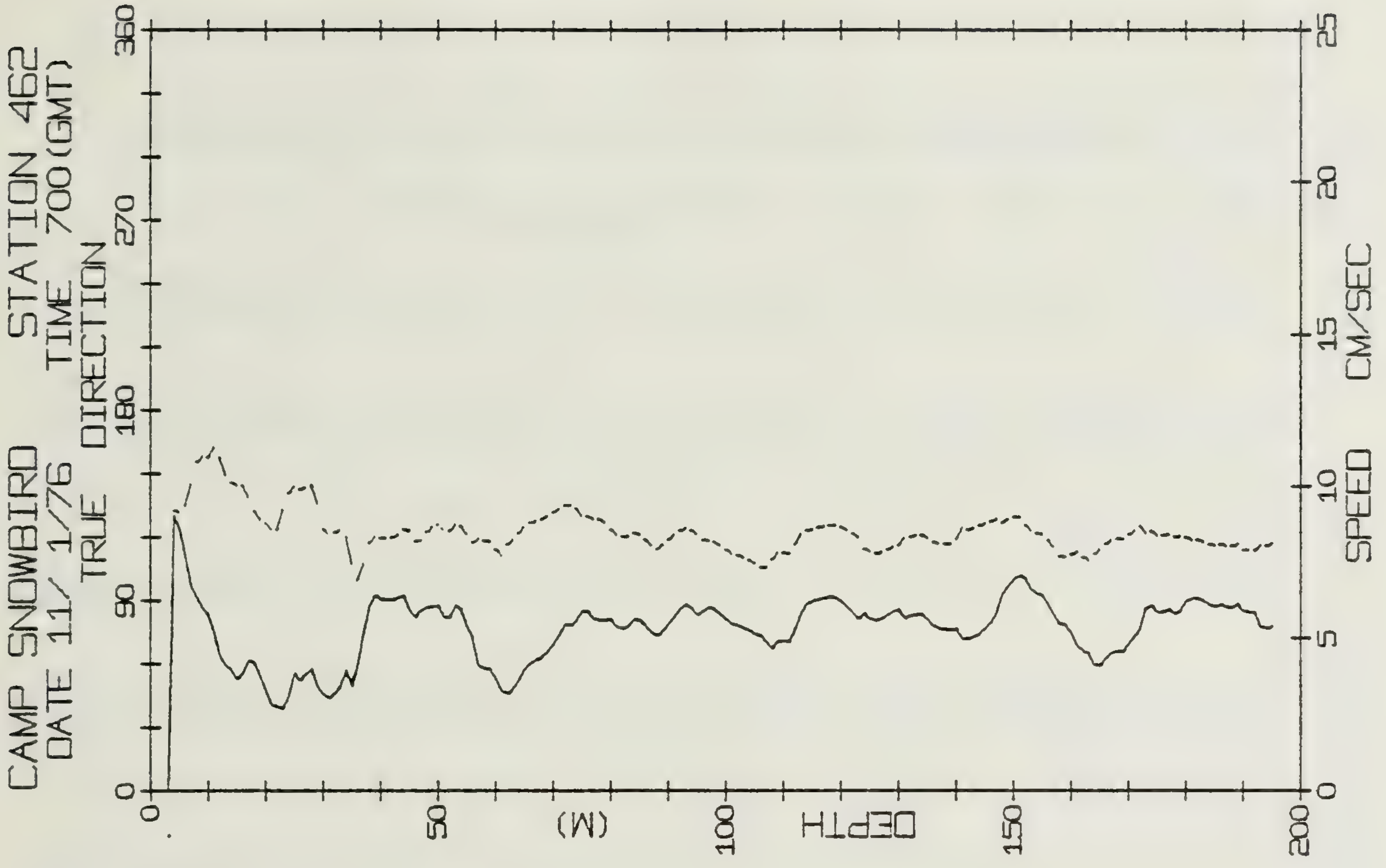
```
SNOWBIRD STATION 458     (192M. )       7/JAN/76       2130 GMT
LAT= 74.2140N  LONG= 145.7743W  LTER=      1.  LGER=      2.
NIVEL=    0.5   EIVEL=   -0.3   NVER=      0.  EVER=      0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   13.3    29.7       134   19.8    46.5
   1    0.0   999.9        68   14.0    29.8       135   19.3    46.5
   2    0.0   999.9        69   14.6    29.8       136   18.9    46.6
   3    0.0   999.9        70   15.1    29.9       137   18.5    46.7
   4    1.9    28.5        71   15.9    29.9       138   18.2    46.9
   5    1.7    27.1        72   16.9    30.0       139   17.8    50.9
   6    1.5    23.6        73   17.9    30.0       140   17.6    51.5
   7    1.3    19.4        74   18.5    28.8       141   17.7    51.6
   8    1.2    17.0        75   19.2    27.3       142   18.1    51.7
   9    1.0    12.9        76   20.0    27.3       143   18.1    51.7
  10    1.0    12.8        77   20.6    27.3       144   18.0    51.7
  11    1.1    15.4        78   21.1    27.2       145   17.9    51.8
  12    0.8   359.6        79   21.6    25.8       146   17.7    54.9
  13    0.8   359.8        80   22.0    25.1       147   17.5    55.0
  14    0.8   359.5        81   22.4    25.7       148   17.2    55.1
  15    0.8   359.2        82   22.9    30.0       149   17.0    55.1
  16    0.8   359.7        83   23.3    30.3       150   16.8    55.1
  17    0.8     0.7        84   23.6    30.4       151   16.8    55.1
  18    0.8     1.2        85   24.0    30.5       152   16.9    55.0
  19    0.9     7.3        86   24.4    30.6       153   17.1    55.1
  20    1.3    19.3        87   24.5    30.6       154   17.4    55.1
  21    1.8    27.5        88   24.6    30.5       155   17.4    56.2
  22    1.9    29.1        89   24.7    29.6       156   17.3    60.3
  23    2.0    29.5        90   24.9    28.6       157   17.1    60.4
  24    2.0    29.4        91   24.9    28.2       158   16.8    60.5
  25    2.0    29.3        92   24.6    28.6       159   16.7    60.6
  26    1.9    30.3        93   24.6    30.0       160   16.6    60.6
  27    1.9    29.0        94   24.7    30.4       161   16.6    60.6
  28    1.9    27.7        95   24.8    30.4       162   16.6    60.6
  29    1.9    27.3        96   24.8    30.4       163   16.6    60.6
  30    1.9    27.9        97   24.9    30.5       164   16.6    63.3
  31    2.0    26.6        98   24.8    30.5       165   16.6    65.5
  32    2.0    27.4        99   24.6    30.5       166   16.6    65.7
  33    2.0    25.8       100   24.4    30.5       167   16.5    68.1
  34    2.0    25.8       101   24.1    30.5       168   16.2    68.2
  35    2.4    21.8       102   23.6    30.5       169   16.0    68.2
  36    3.3    18.7       103   23.1    32.3       170   15.9    68.2
  37    3.7    24.2       104   22.6    33.0       171   15.9    68.2
  38    3.6    25.4       105   22.3    33.0       172   15.9    68.2
  39    3.4    25.0       106   22.1    33.0       173   15.9    68.2
  40    3.2    24.7       107   21.8    33.6       174   15.9    68.4
  41    3.2    24.3       108   21.5    35.1       175   15.9    68.4
  42    3.6    24.2       109   21.2    35.4       176   15.9    68.4
  43    3.9    24.8       110   21.0    35.4       177   15.8    68.4
  44    3.9    27.3       111   20.8    35.4       178   15.6    70.2
  45    3.9    31.3       112   20.6    35.4       179   15.3    72.2
  46    3.8    33.2       113   20.4    35.4       180   15.0    72.1
  47    3.7    33.5       114   20.3    35.5       181   14.8    72.0
  48    3.9    34.0       115   20.2    35.5       182   14.5    72.0
  49    4.4    35.4       116   20.1    38.1       183   14.2    71.9
  50    5.0    36.7       117   19.8    38.1       184   14.2    71.9
  51    5.5    37.4       118   19.4    38.2       185   14.3    71.9
  52    5.9    37.9       119   19.1    38.2       186   14.0    71.7
  53    6.2    37.9       120   18.9    38.2       187   13.5    71.6
  54    6.6    36.7       121   18.7    38.2       188   13.0    71.5
  55    7.0    34.8       122   18.7    38.3       189   12.7    71.4
  56    7.4    35.2       123   18.4    38.3       190   12.2    71.2
  57    7.7    33.8       124   18.1    38.2       191   11.8    71.0
  58    8.1    31.4       125   18.0    38.2       192   11.8    34.3
  59    8.5    31.3       126   18.2    38.2
  60    8.9    31.4       127   18.1    38.2
  61    9.4    31.4       128   17.9    39.7
  62    9.9    30.7       129   17.8    43.9
  63   10.6    29.4       130   18.1    46.2
  64   11.3    29.5       131   18.7    46.3
  65   11.9    29.6       132   19.4    46.4
  66   12.7    29.6       133   20.0    46.4
```

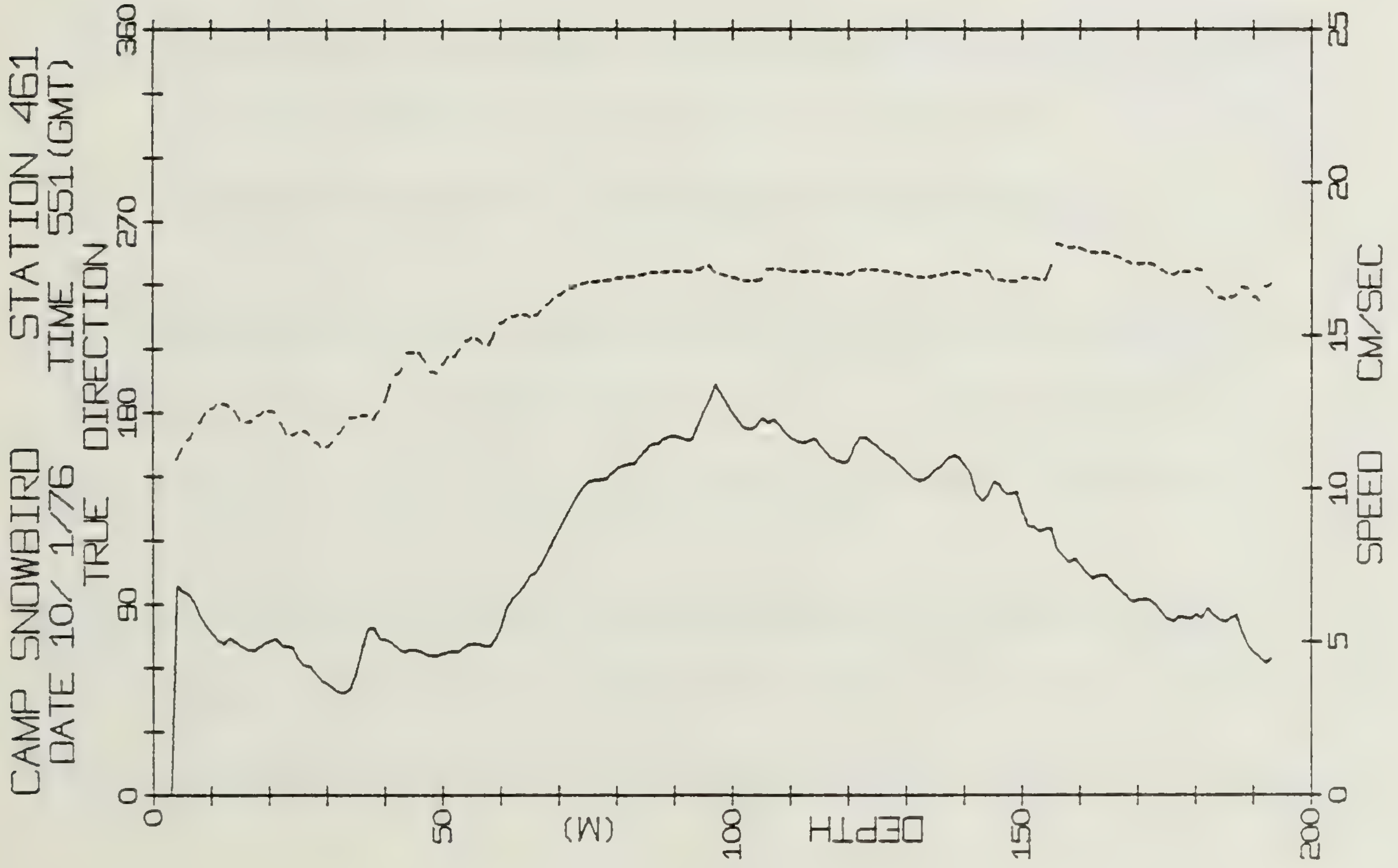

CAMP SNOWBIRD STATION 460
DATE 8/ 1/76 TIME 2115(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
10
20
30
40
50


CAMP SNOWBIRD STATION 459
DATE 8/ 1/76 TIME 603(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 459     (195M )      8/JAN/76       603 GMT
LAT= 74.2150N  LONG= 145.7845W  LTER=      1.  LGER=       1.
NIVEL=  -0.6   EIVEL=  -2.2     NVER=      0.  EVER=       0.

 DPT     SPD     DRN       DPT     SPD     DRN       DPT     SPD     DRN
   0     0.0   999.9        67    14.8    25.9       134    14.4    17.6
   1     0.0   999.9        68    15.7    24.4       135    14.1    16.8
   2     0.0   999.9        69    16.8    22.5       136    13.9    16.4
   3     0.0   999.9        70    17.8    21.0       137    13.7    16.2
   4     3.4   275.7        71    18.5    21.2       138    13.4    17.3
   5     3.5   274.5        72    19.1    21.4       139    13.0    18.3
   6     3.5   276.5        73    19.6    21.5       140    12.7    18.2
   7     3.5   278.2        74    20.1    22.0       141    12.3    18.0
   8     3.5   278.8        75    20.3    26.9       142    12.0    17.9
   9     3.5   275.1        76    20.3    34.8       143    11.6    17.6
  10     3.5   268.8        77    20.8    36.2       144    11.2    17.5
  11     3.4   261.2        78    21.7    36.4       145    11.0    17.3
  12     3.3   256.4        79    22.1    36.5       146    10.8    17.2
  13     3.3   254.9        80    22.4    36.5       147    10.4    16.9
  14     3.2   254.0        81    22.6    36.5       148    10.3    15.9
  15     3.0   252.2        82    22.8    36.4       149    10.0    13.5
  16     2.7   248.6        83    23.1    36.5       150     9.4    13.0
  17     2.4   245.2        84    23.4    36.5       151     8.9    12.3
  18     2.4   243.7        85    23.4    36.6       152     8.4    11.8
  19     2.3   242.8        86    23.0    36.7       153     8.0    11.3
  20     2.2   241.6        87    22.7    36.8       154     7.6    10.7
  21     2.1   240.0        88    22.6    36.8       155     7.2    13.1
  22     2.1   240.1        89    22.9    36.7       156     7.1    12.7
  23     2.1   239.9        90    23.2    36.6       157     7.0    12.7
  24     1.9   237.7        91    23.3    36.5       158     6.9    12.6
  25     1.7   236.2        92    23.4    36.5       159     6.6    12.0
  26     1.6   238.9        93    23.4    36.6       160     6.0    12.5
  27     1.6   242.0        94    23.3    36.6       161     5.5    12.1
  28     1.4   247.3        95    23.3    36.6       162     5.6    12.4
  29     1.1   257.4        96    23.5    35.6       163     5.8    13.2
  30     1.0   264.9        97    23.6    32.6       164     5.9    14.1
  31     0.9   271.3        98    23.4    27.2       165     5.8    16.0
  32     0.8   276.2        99    23.2    22.6       166     5.6    16.1
  33     0.8   317.4       100    23.1    22.4       167     5.6    16.6
  34     1.0   330.9       101    22.9    22.3       168     5.5    14.8
  35     1.5   357.6       102    22.4    22.0       169     5.4     9.4
  36     2.1   344.8       103    22.0    21.8       170     4.9     6.6
  37     2.2   335.9       104    21.7    21.7       171     4.6     5.3
  38     2.3   334.1       105    21.5    21.6       172     4.5     4.9
  39     2.5   339.0       106    21.2    21.3       173     4.5     5.2
  40     3.2   350.5       107    20.7    19.7       174     4.6     5.4
  41     3.7   357.8       108    19.9    18.7       175     4.7     5.8
  42     4.0     0.9       109    19.2    18.6       176     4.8     6.1
  43     4.4     1.5       110    18.7    18.4       177     4.6     5.2
  44     4.7     5.0       111    18.5    18.4       178     4.2     3.3
  45     4.8    11.4       112    18.4    18.4       179     3.9     1.6
  46     4.6    15.5       113    18.1    18.4       180     3.6     0.2
  47     4.6    17.2       114    17.9    18.4       181     3.5     0.7
  48     4.9    18.6       115    17.7    18.3       182     3.6     2.2
  49     5.1    19.7       116    17.3    18.2       183     3.7     1.0
  50     5.3    21.2       117    16.9    18.0       184     3.7   359.4
  51     5.5    24.0       118    16.4    17.8       185     3.9     0.5
  52     5.7    24.3       119    16.0    18.0       186     4.2     2.5
  53     6.0    22.4       120    15.7    19.0       187     4.4     3.7
  54     6.1    21.1       121    15.5    20.2       188     4.2     3.7
  55     6.2    18.4       122    15.3    20.0       189     3.9     5.8
  56     6.4    17.7       123    15.0    19.0       190     3.4    10.8
  57     6.9    18.8       124    14.7    17.7       191     2.9    10.4
  58     7.5    20.6       125    14.5    17.0       192     2.9     8.8
  59     8.3    22.3       126    14.9    17.2       193     3.1     9.1
  60     9.1    22.4       127    15.8    17.6       194     3.5     8.2
  61     9.7    23.0       128    16.5    17.9       195     3.7     2.8
  62    10.4    23.5       129    16.9    17.9
  63    11.2    24.1       130    16.8    17.8
  64    12.0    24.6       131    15.9    17.5
  65    12.8    25.0       132    15.2    17.4
  66    13.9    25.5       133    14.8    18.1
```

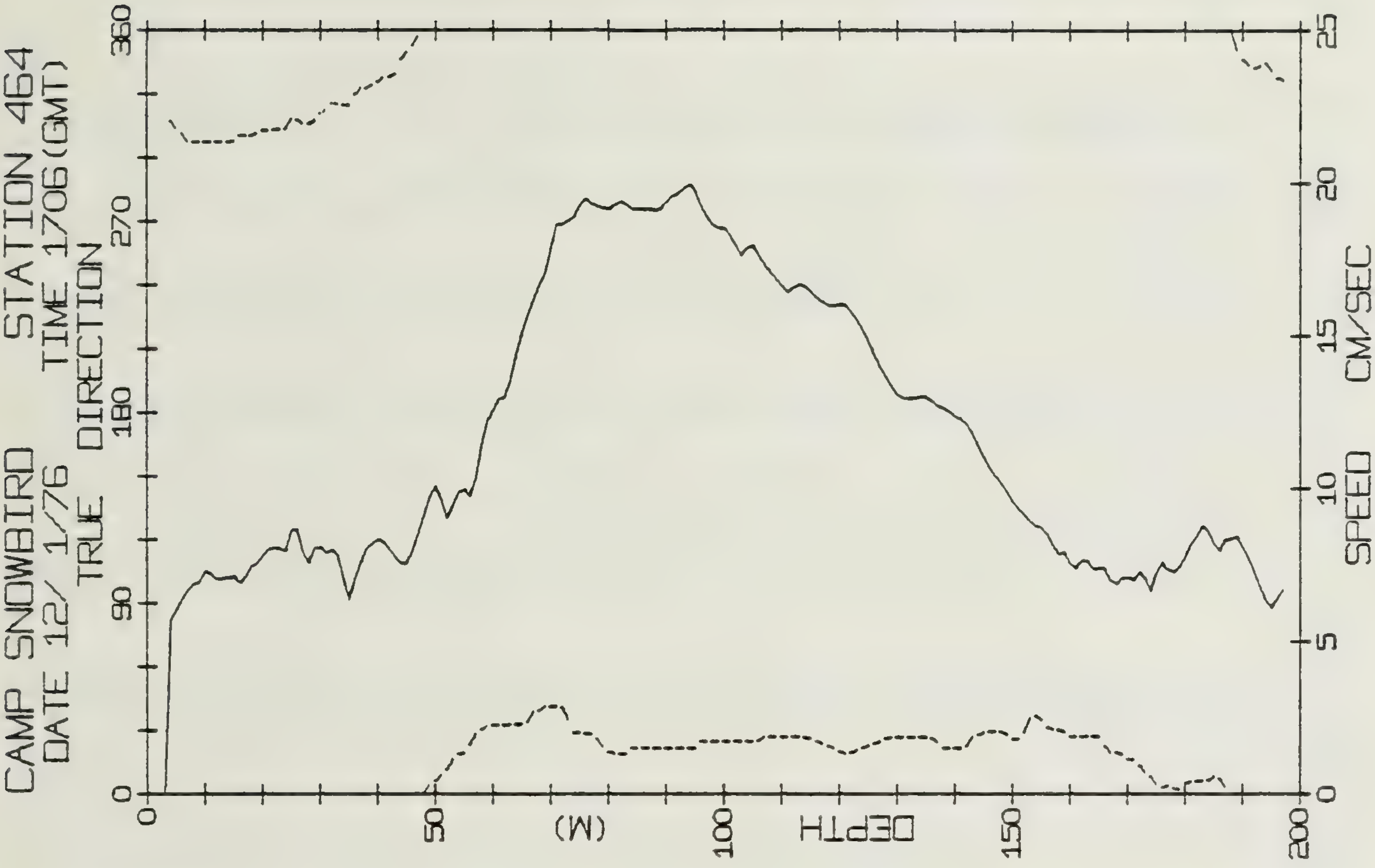
```
SNOWBIRD STATION 460     (178M.)      8/JAN/76      2115 GMT
LAT= 74.2017N  LONG= 145.8083W  LTER=      0   LGER=       0.
NIVEL=  -5.3   EIVEL=  -3.0     NVER=      0.  EVER=       0.

 DPT     SPD     DRN       DPT     SPD     DRN       DPT     SPD     DRN
   0     0.0   999.9        67    20.8    47.9       134    18.1    29.9
   1     0.0   999.9        68    21.9    47.6       135    17.9    30.0
   2     0.0   999.9        69    22.6    47.4       136    17.5    30.0
   3     0.0   999.9        70    22.9    47.4       137    17.3    30.0
   4     3.9   221.4        71    22.9    47.3       138    17.5    30.0
   5     3.2   220.9        72    22.9    47.2       139    18.0    30.0
   6     3.0   220.7        73    22.7    43.2       140    17.8    30.0
   7     3.1   225.2        74    23.0    43.2       141    17.5    30.0
   8     3.2   228.9        75    23.4    43.2       142    17.3    30.0
   9     3.2   229.8        76    23.8    43.2       143    17.6    27.6
  10     3.2   230.0        77    24.5    43.1       144    17.8    23.2
  11     3.1   229.7        78    25.1    43.0       145    17.8    23.2
  12     3.0   227.0        79    25.5    42.9       146    17.7    23.2
  13     2.8   219.5        80    25.4    43.0       147    17.5    23.3
  14     2.9   212.8        81    25.2    43.1       148    17.4    23.2
  15     2.9   209.0        82    25.0    43.2       149    17.3    23.2
  16     3.0   208.0        83    24.7    42.3       150    17.0    23.1
  17     3.0   207.9        84    24.6    40.1       151    16.6    23.2
  18     3.0   207.1        85    24.9    40.0       152    16.5    19.9
  19     3.0   205.4        86    24.5    39.9       153    16.3    17.8
  20     3.0   204.3        87    24.4    39.9       154    16.3    17.9
  21     3.1   203.3        88    24.6    39.8       155    16.4    18.1
  22     3.1   203.2        89    24.5    39.7       156    16.5    18.1
  23     3.1   203.2        90    24.8    39.7       157    16.5    18.3
  24     3.1   203.2        91    24.9    39.6       158    16.6    18.4
  25     2.9   202.1        92    24.5    39.6       159    16.6    18.5
  26     2.7   200.4        93    24.4    39.6       160    16.6    15.8
  27     2.4   196.8        94    24.5    39.5       161    16.5    14.1
  28     2.3   187.1        95    24.5    39.5       162    16.6    14.1
  29     2.0   178.8        96    24.7    39.5       163    16.7    14.1
  30     1.7   169.8        97    24.8    39.5       164    16.8    13.2
  31     1.5   156.6        98    24.6    39.4       165    16.6    10.5
  32     1.4   139.6        99    23.8    39.5       166    16.1    10.4
  33     1.4   121.5       100    23.1    39.5       167    15.7    10.2
  34     1.8   109.0       101    23.0    39.6       168    15.4    10.1
  35     2.1   100.5       102    23.1    39.6       169    15.1    10.0
  36     2.5    91.0       103    23.3    39.6       170    14.8     9.8
  37     2.5    89.6       104    23.5    39.6       171    14.5     9.6
  38     2.9    82.8       105    23.4    39.7       172    14.3     9.6
  39     3.4    77.1       106    23.2    39.7       173    14.1     9.4
  40     3.7    75.0       107    23.0    39.7       174    13.8     9.3
  41     3.9    73.6       108    23.0    39.7       175    13.3     9.0
  42     4.1    72.4       109    23.0    39.7       176    12.7     8.7
  43     4.0    73.5       110    22.6    39.8       177    12.0     8.2
  44     3.8    74.5       111    22.2    39.8       178    12.0     8.2
  45     3.9    74.3       112    22.0    38.8
  46     4.0    73.1       113    21.8    37.1
  47     4.0    73.3       114    21.7    37.2
  48     4.4    71.0       115    21.6    37.2
  49     5.0    67.9       116    21.5    37.2
  50     5.5    65.6       117    21.2    37.1
  51     6.1    63.7       118    20.8    37.1
  52     6.7    61.9       119    20.4    37.1
  53     7.4    60.5       120    19.8    37.1
  54     8.0    59.5       121    19.2    37.1
  55     8.9    58.3       122    18.7    37.1
  56     9.7    57.3       123    18.5    37.1
  57    10.0    56.9       124    18.5    37.0
  58    11.3    55.6       125    18.6    37.0
  59    12.6    54.7       126    18.7    36.9
  60    13.8    54.0       127    18.6    35.7
  61    14.9    53.5       128    18.3    32.9
  62    15.9    53.0       129    18.3    32.8
  63    17.0    52.6       130    18.1    32.9
  64    17.6    49.6       131    17.9    32.2
  65    18.4    48.4       132    17.7    29.8
  66    19.6    48.2       133    17.9    29.8
```


CAMP SNOWBIRD STATION 462
DATE 11/ 1/76 TIME 700(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

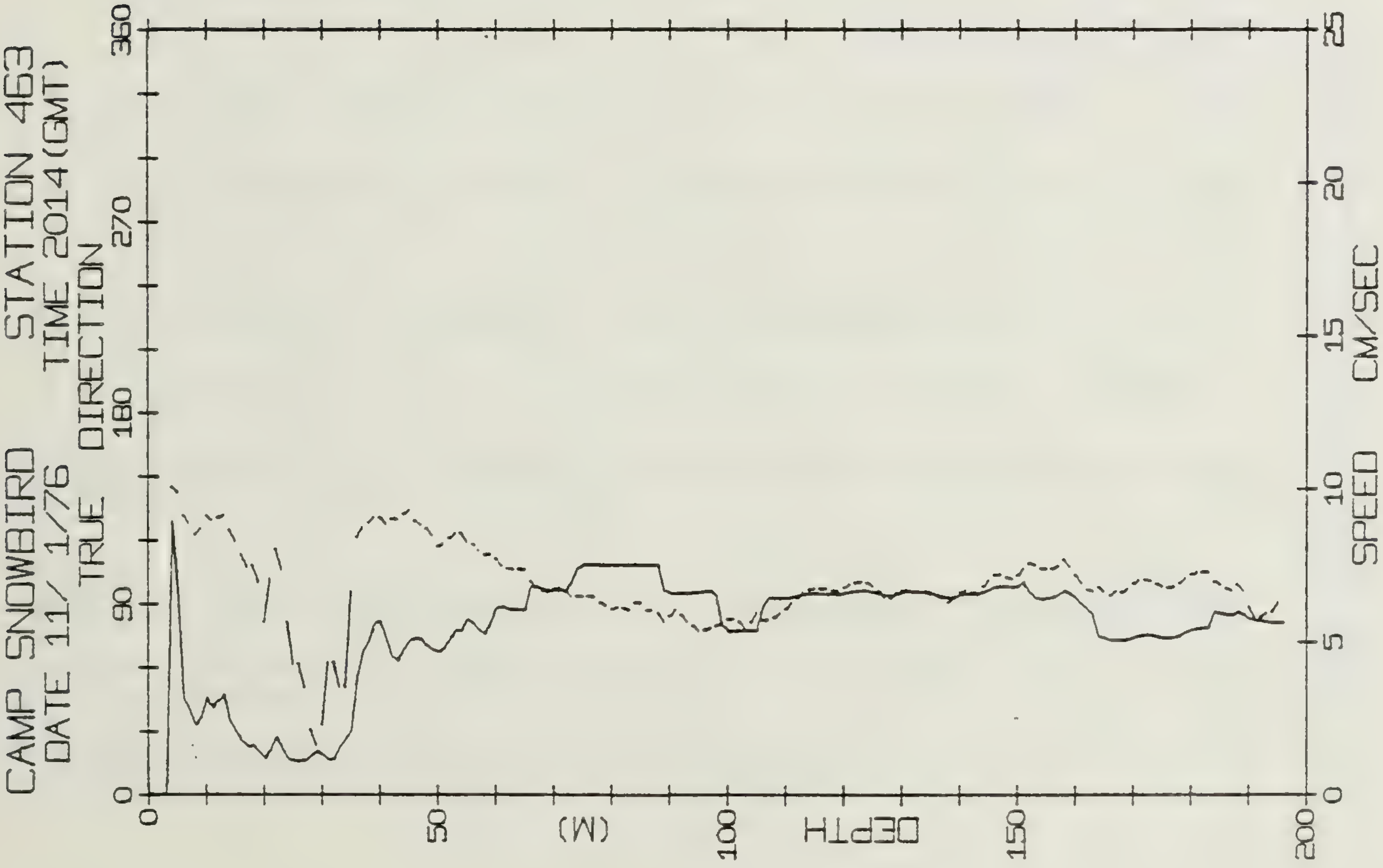

CAMP SNOWBIRD STATION 461
DATE 10/ 1/76 TIME 551(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 461     (193M.)       10/JAN/76         551 GMT
LAT= 74.1170N  LONG= 145.7255W  LTER=   435.  LGER=   749.
NIVEL=  -6.0   EIVEL=    7.5    NVER=     2.  EVER=     2.

 DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
   0   0.0  999.9       67   7.6  228.2      134  10.4  244.0
   1   0.0  999.9       68   8.0  230.9      135  10.6  244.6
   2   0.0  999.9       69   8.3  233.2      136  10.8  245.0
   3   0.0  999.9       70   8.7  235.2      137  11.0  245.6
   4   6.8  158.2       71   9.0  236.9      138  11.1  246.1
   5   6.7  163.3       72   9.4  238.5      139  11.0  245.7
   6   6.5  167.1       73   9.7  239.8      140  10.8  245.1
   7   6.3  171.0       74  10.0  240.8      141  10.5  244.3
   8   5.8  175.3       75  10.2  241.6      142   9.8  246.8
   9   5.5  179.6       76  10.3  241.9      143   9.6  245.1
  10   5.3  181.6       77  10.3  242.1      144   9.8  246.6
  11   5.1  183.6       78  10.4  242.2      145  10.2  242.6
  12   4.9  184.1       79  10.5  242.8      146  10.1  242.4
  13   5.1  182.9       80  10.7  243.4      147   9.9  241.6
  14   5.0  181.0       81  10.8  243.9      148   9.9  241.7
  15   4.9  176.3       82  10.8  244.0      149   9.9  241.9
  16   4.7  175.5       83  10.8  244.2      150   9.3  243.2
  17   4.7  176.1       84  11.1  244.8      151   8.8  243.2
  18   4.8  178.3       85  11.3  245.6      152   8.7  243.0
  19   5.0  180.1       86  11.5  246.1      153   8.6  242.4
  20   5.1  180.6       87  11.5  246.1      154   8.7  242.8
  21   5.1  180.0       88  11.6  246.5      155   8.7  249.2
  22   4.9  175.3       89  11.7  246.7      156   8.0  259.2
  23   4.8  170.3       90  11.7  246.7      157   7.8  258.3
  24   4.8  169.4       91  11.7  246.5      158   7.6  257.4
  25   4.4  171.1       92  11.6  246.4      159   7.7  257.7
  26   4.2  171.3       93  11.7  246.5      160   7.5  257.0
  27   4.2  169.7       94  12.1  247.6      161   7.3  255.7
  28   4.0  166.1       95  12.5  248.6      162   7.1  254.8
  29   3.7  164.1       96  12.9  249.3      163   7.2  255.1
  30   3.6  163.9       97  13.4  245.7      164   7.2  255.2
  31   3.5  166.2       98  13.1  244.9      165   7.1  254.5
  32   3.3  170.0       99  12.8  244.1      166   6.8  253.3
  33   3.4  173.5      100  12.5  243.4      167   6.7  252.2
  34   3.5  177.5      101  12.2  242.7      168   6.5  250.9
  35   4.0  177.9      102  12.0  242.0      169   6.3  249.6
  36   4.8  178.7      103  11.9  241.9      170   6.4  250.1
  37   5.4  178.6      104  12.1  242.3      171   6.4  250.2
  38   5.5  176.9      105  12.3  242.9      172   6.3  249.7
  39   5.1  181.0      106  12.2  247.4      173   6.2  248.8
  40   5.1  184.9      107  12.3  247.7      174   6.0  247.1
  41   5.0  193.2      108  12.1  247.4      175   5.8  245.4
  42   4.8  198.1      109  11.8  246.9      176   5.7  244.8
  43   4.7  200.5      110  11.7  246.5      177   5.8  246.1
  44   4.7  207.8      111  11.6  246.3      178   5.8  246.0
  45   4.7  208.3      112  11.5  246.2      179   5.7  245.9
  46   4.7  207.7      113  11.6  246.5      180   5.9  247.2
  47   4.6  203.9      114  11.7  246.7      181   5.8  246.5
  48   4.5  199.5      115  11.5  246.4      182   6.1  238.6
  49   4.6  198.2      116  11.2  245.8      183   5.9  236.1
  50   4.6  202.6      117  11.0  245.3      184   5.7  234.0
  51   4.7  206.4      118  10.9  244.9      185   5.7  232.9
  52   4.7  206.4      119  10.8  244.9      186   5.8  234.1
  53   4.8  209.8      120  10.9  245.2      187   5.9  235.2
  54   4.9  213.8      121  11.4  246.5      188   5.3  238.5
  55   5.0  215.3      122  11.7  247.3      189   4.9  237.7
  56   4.9  214.5      123  11.7  247.4      190   4.6  234.4
  57   4.9  212.0      124  11.5  247.2      191   4.5  232.1
  58   4.9  211.9      125  11.4  246.8      192   4.3  239.0
  59   5.1  217.6      126  11.2  246.4      193   4.4  240.4
  60   5.5  222.1      127  11.1  246.0
  61   6.1  223.9      128  10.9  245.6
  62   6.4  225.1      129  10.7  245.0
  63   6.6  226.1      130  10.5  244.4
  64   6.9  226.4      131  10.4  243.8
  65   7.2  224.9      132  10.2  243.4
  66   7.3  226.0      133  10.3  243.6
```

```
SNOWBIRD STATION 462     (195M.)       11/JAN/76         700 GMT
LAT= 74.0938N  LONG= 145.3760W  LTER=     0.  LGER=     0.
NIVEL= -14.2   EIVEL=    8.6    NVER=     0.  EVER=     0.

 DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
   0   0.0  999.9       67   4.3  127.9      134   5.8  121.0
   1   0.0  999.9       68   4.4  128.9      135   5.6  119.4
   2   0.0  999.9       69   4.6  130.1      136   5.4  117.6
   3   0.0  999.9       70   4.8  131.8      137   5.3  116.8
   4   9.1  132.8       71   5.1  133.4      138   5.3  116.8
   5   8.6  131.6       72   5.5  135.1      139   5.3  117.1
   6   7.7  134.9       73   5.4  134.9      140   5.3  119.1
   7   6.7  144.9       74   5.6  133.8      141   5.0  124.2
   8   6.3  155.4       75   5.9  130.2      142   5.0  123.6
   9   6.0  158.1       76   5.9  129.9      143   5.1  124.4
  10   5.8  157.9       77   5.7  128.4      144   5.2  125.5
  11   5.2  162.2       78   5.6  128.6      145   5.3  126.5
  12   4.4  157.6       79   5.6  126.8      146   5.5  127.4
  13   4.1  149.6       80   5.6  123.6      147   5.8  129.0
  14   4.0  145.7       81   5.4  121.3      148   6.4  127.0
  15   3.7  144.5       82   5.3  120.1      149   6.7  128.5
  16   3.9  144.1       83   5.4  120.6      150   6.9  129.5
  17   4.3  139.1       84   5.6  121.9      151   7.1  129.3
  18   4.2  132.6       85   5.6  121.1      152   7.0  125.6
  19   3.8  128.7       86   5.4  118.9      153   6.6  123.0
  20   3.3  126.7       87   5.2  116.4      154   6.5  121.8
  21   2.8  123.8       88   5.1  114.5      155   6.4  121.2
  22   2.7  123.5       89   5.2  116.3      156   6.1  118.7
  23   2.7  132.9       90   5.5  118.7      157   5.8  114.9
  24   3.1  140.9       91   5.7  120.9      158   5.5  110.9
  25   3.9  143.9       92   6.0  123.0      159   5.4  110.4
  26   3.6  142.6       93   6.1  124.1      160   5.2  111.8
  27   3.9  143.7       94   6.0  123.2      161   4.8  113.3
  28   4.0  144.8       95   5.8  121.3      162   4.6  110.7
  29   3.4  136.5       96   5.9  118.7      163   4.5  109.2
  30   3.2  123.7       97   6.0  118.2      164   4.1  111.9
  31   3.0  121.0       98   6.0  117.4      165   4.1  114.1
  32   3.2  122.1       99   5.8  115.8      166   4.3  116.8
  33   3.5  123.8      100   5.6  114.1      167   4.5  118.7
  34   4.0  120.2      101   5.5  112.3      168   4.6  119.2
  35   3.5  107.6      102   5.4  111.4      169   4.6  118.8
  36   4.1   99.7      103   5.3  110.3      170   4.8  121.1
  37   5.2  107.3      104   5.3  109.2      171   5.1  123.1
  38   6.0  117.3      105   5.2  107.6      172   5.3  125.1
  39   6.4  119.9      106   5.1  105.8      173   6.0  121.9
  40   6.3  119.2      107   4.9  105.7      174   6.1  122.6
  41   6.3  119.4      108   4.7  109.5      175   5.9  120.7
  42   6.3  119.9      109   4.9  112.6      176   5.9  120.7
  43   6.4  120.9      110   4.9  112.8      177   6.0  121.5
  44   6.4  123.4      111   4.9  112.0      178   5.8  120.1
  45   6.0  122.8      112   5.3  116.6      179   5.9  120.7
  46   5.7  118.2      113   5.8  121.0      180   6.2  119.8
  47   5.9  118.6      114   6.1  123.0      181   6.3  118.7
  48   6.1  122.3      115   6.2  123.7      182   6.3  118.6
  49   6.1  124.3      116   6.3  124.7      183   6.2  117.7
  50   6.1  125.7      117   6.3  125.4      184   6.1  116.5
  51   5.7  123.2      118   6.4  125.7      185   6.0  115.8
  52   5.7  122.8      119   6.3  125.5      186   6.1  116.6
  53   6.1  125.6      120   6.2  124.5      187   6.0  115.7
  54   6.0  125.2      121   6.0  123.3      188   6.0  115.7
  55   5.4  121.4      122   5.9  121.8      189   6.1  116.8
  56   5.0  117.4      123   5.7  120.0      190   5.9  114.2
  57   4.1  119.1      124   5.8  114.6      191   5.9  113.8
  58   4.0  118.1      125   5.7  113.2      192   5.9  114.0
  59   4.0  117.7      126   5.6  112.3      193   5.4  116.1
  60   3.7  114.3      127   5.7  113.0      194   5.3  115.9
  61   3.3  111.6      128   5.8  114.3      195   5.4  117.3
  62   3.2  116.6      129   5.9  115.6
  63   3.4  118.6      130   6.0  116.2
  64   3.6  121.8      131   5.7  119.9
  65   4.0  124.9      132   5.8  120.4
  66   4.2  126.7      133   5.8  121.0
```



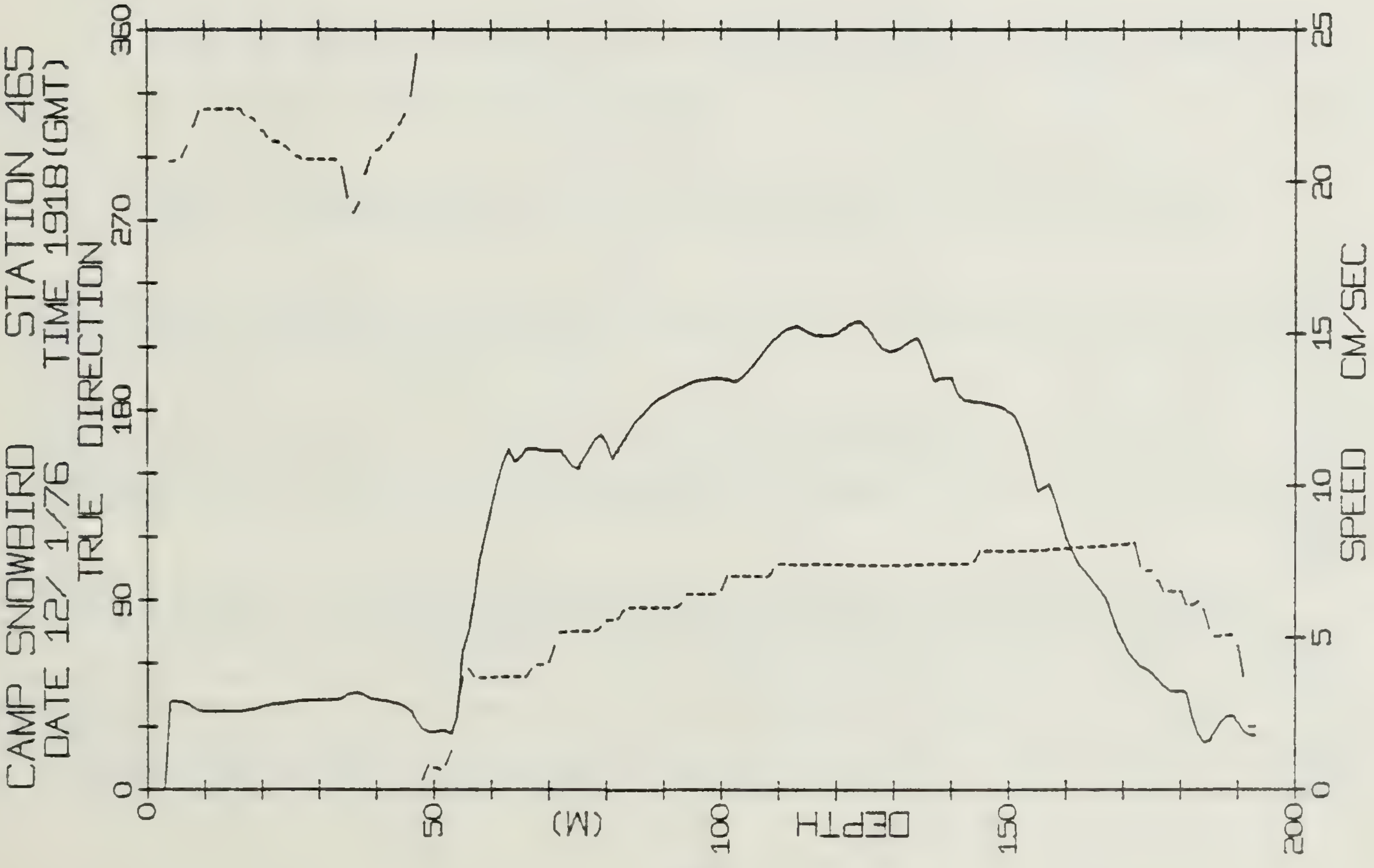
CAMP SNOWBIRD STATION 464
DATE 12/ 1/76 TIME 1706(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25



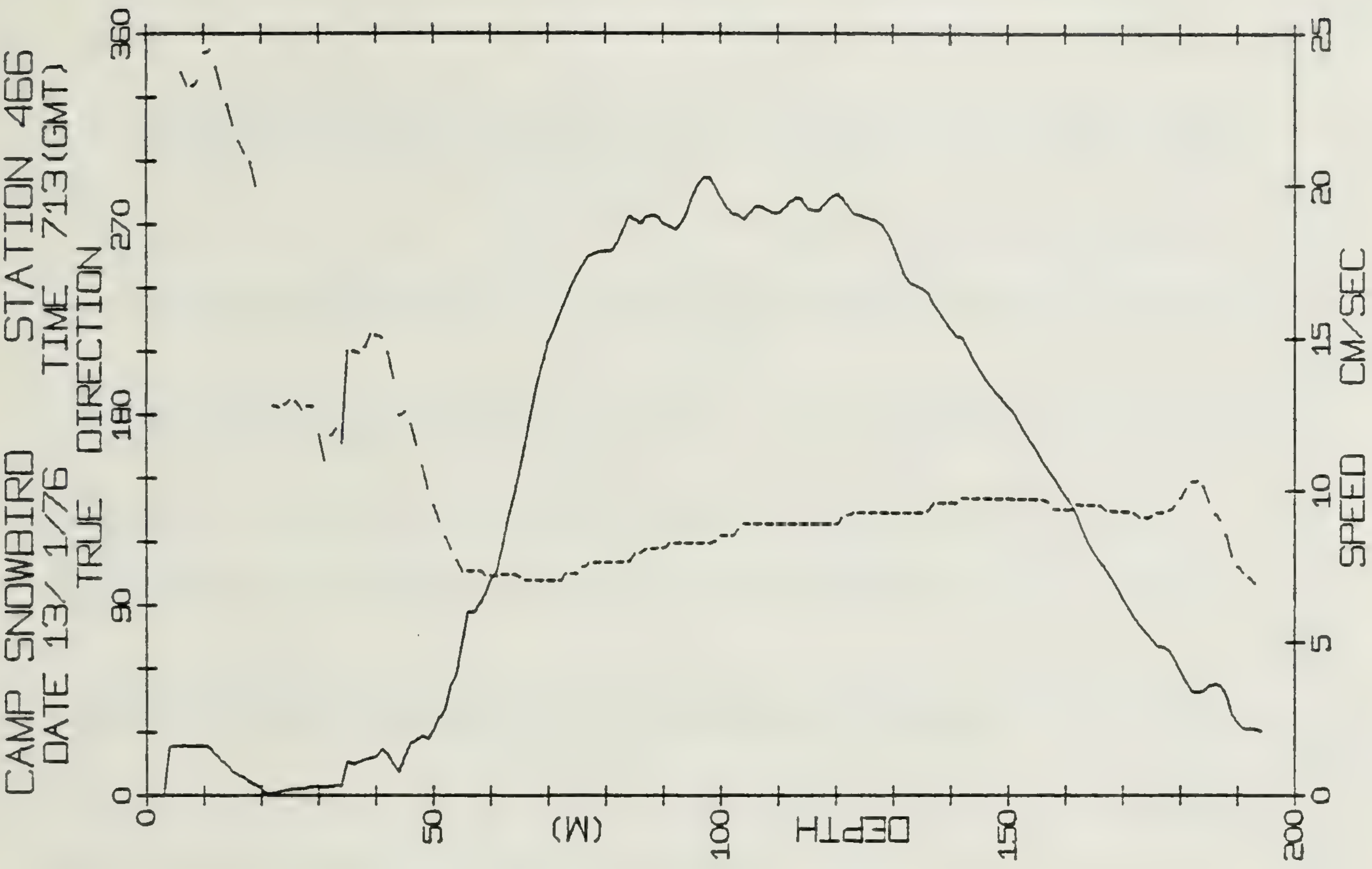
CAMP SNOWBIRD STATION 463
DATE 11/ 1/76 TIME 2014(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 463      (196M.)      11/JAN/76      2014 GMT
LAT= 74.0094N  LONG= 145.2581W  LTER=      1   LGER=      2.
NIVEL= -12.3    EIVEL=    7.7   NVER=      0.  EVER=      0.

DPT     SPD    DRN       DPT     SPD     DRN      DPT     SPD     DRN
  0     0.0   999.9       67     6.8    97.8      134     6.6    95.9
  1     0.0   999.9       68     6.7    96.3      135     6.6    95.2
  2     0.0   999.9       69     6.7    95.5      136     6.5    93.8
  3     0.0   999.9       70     6.7    96.9      137     6.5    92.3
  4     9.0   145.2       71     6.7    97.7      138     6.4    90.8
  5     6.7   142.7       72     6.6    95.8      139     6.5    93.1
  6     3.2   131.5       73     7.0    93.7      140     6.5    95.5
  7     2.8   128.5       74     7.4    93.9      141     6.6    96.6
  8     2.3   122.8       75     7.5    93.4      142     6.6    95.3
  9     2.5   125.5       76     7.5    93.3      143     6.6    94.9
 10     3.2   131.6       77     7.5    93.6      144     6.6    98.1
 11     2.9   129.3       78     7.5    90.7      145     6.7   101.3
 12     3.1   131.0       79     7.5    89.1      146     6.8   103.7
 13     3.3   132.3       80     7.5    87.7      147     6.8   104.2
 14     2.4   124.6       81     7.5    88.8      148     6.8   102.6
 15     2.1   119.8       82     7.5    87.9      149     6.8   101.8
 16     1.8   113.3       83     7.5    87.0      150     6.8   103.4
 17     1.6   107.7       84     7.5    90.5      151     7.0   106.3
 18     1.6   108.4       85     7.5    90.6      152     6.6   109.2
 19     1.4   100.6       86     7.5    87.2      153     6.5   108.3
 20     1.2    81.7       87     7.5    87.2      154     6.4   106.7
 21     1.5   102.2       88     7.5    85.9      155     6.4   106.6
 22     1.9   116.0       89     6.7    82.0      156     6.5   106.9
 23     1.6   106.6       90     6.6    84.3      157     6.6   108.1
 24     1.2    81.7       91     6.6    87.2      158     6.7   110.6
 25     1.1    62.0       92     6.6    84.9      159     6.6   107.7
 26     1.1    61.7       93     6.6    82.2      160     6.4   103.9
 27     1.2    50.8       94     6.6    79.8      161     6.3   100.0
 28     1.3    31.2       95     6.6    77.7      162     6.1    96.7
 29     1.4    23.9       96     6.7    77.8      163     5.9    95.9
 30     1.3    33.2       97     6.7    79.0      164     5.2    97.7
 31     1.2    62.6       98     6.5    80.1      165     5.1    95.6
 32     1.2    63.0       99     5.6    81.1      166     5.1    94.1
 33     1.6    51.2      100     5.4    83.1      167     5.1    95.9
 34     1.8    51.1      101     5.4    83.1      168     5.1    95.3
 35     2.1    96.0      102     5.4    81.7      169     5.1    97.2
 36     3.8   121.4      103     5.4    78.7      170     5.2    99.6
 37     4.7   126.4      104     5.4    81.4      171     5.2   101.4
 38     5.0   128.7      105     5.4    86.0      172     5.2   101.6
 39     5.6   131.1      106     6.1    82.6      173     5.2   100.8
 40     5.7   131.0      107     6.4    82.6      174     5.2    99.6
 41     5.2   128.3      108     6.4    83.8      175     5.1    98.2
 42     4.5   130.2      109     6.4    85.7      176     5.1    97.5
 43     4.4   130.0      110     6.4    87.8      177     5.2    98.5
 44     4.7   132.5      111     6.5    90.4      178     5.2    99.9
 45     5.0   134.2      112     6.5    93.0      179     5.3   102.2
 46     5.1   129.5      113     6.6    95.5      180     5.4   104.0
 47     5.1   127.5      114     6.6    96.8      181     5.5   105.0
 48     4.9   126.0      115     6.6    97.4      182     5.5   105.3
 49     4.8   122.5      116     6.6    97.5      183     5.5   104.9
 50     4.7   117.4      117     6.6    96.9      184     6.0   100.9
 51     4.8   118.9      118     6.6    96.1      185     5.9    99.3
 52     5.1   121.1      119     6.6    96.3      186     5.9    97.2
 53     5.4   123.4      120     6.6    97.6      187     5.9    96.2
 54     5.4   123.2      121     6.7    99.4      188     6.0    99.1
 55     5.7   119.5      122     6.7   100.4      189     5.9    96.2
 56     5.6   118.4      123     6.7   100.8      190     5.8    88.6
 57     5.4   115.6      124     6.7   100.1      191     5.7    83.6
 58     5.3   113.5      125     6.6    98.6      192     5.7    83.9
 59     5.6   113.7      126     6.6    96.0      193     5.6    85.8
 60     6.1   111.5      127     6.5    93.3      194     5.6    86.5
 61     6.2   108.2      128     6.5    92.6      195     5.6    90.3
 62     6.1   106.8      129     6.6    95.1      196     5.6    90.3
 63     6.0   106.1      130     6.6    96.6
 64     6.1   106.7      131     6.7    96.1
 65     6.0   106.6      132     6.6    95.7
 66     6.8   100.8      133     6.6    95.9
```

```
SNOWBIRD STATION 464      (197M.)      12/JAN/76      1706 GMT
LAT= 73.9603N  LONG= 145.1023W  LTER=      0.  LGER=      0.
NIVEL=  -0.1    EIVEL=  -0.2    NVER=      0.  EVER=      0.

DPT     SPD    DRN       DPT     SPD     DRN      DPT     SPD     DRN
  0     0.0   999.9       67    16.2    38.5      134    13.0    26.8
  1     0.0   999.9       68    16.7    39.4      135    13.0    26.8
  2     0.0   999.9       69    17.0    41.4      136    12.9    26.1
  3     0.0   999.9       70    17.8    41.5      137    12.7    24.3
  4     5.7   317.2       71    18.6    41.6      138    12.6    21.6
  5     6.0   314.0       72    18.7    40.7      139    12.5    21.6
  6     6.4   311.3       73    18.8    35.6      140    12.4    21.6
  7     6.7   307.3       74    18.9    29.0      141    12.3    21.6
  8     6.9   307.2       75    19.3    28.7      142    12.1    22.8
  9     7.0   307.2       76    19.5    28.4      143    11.8    26.7
 10     7.3   307.2       77    19.3    28.2      144    11.4    27.9
 11     7.2   307.3       78    19.2    26.2      145    11.0    28.9
 12     7.0   307.4       79    19.2    22.4      146    10.7    29.4
 13     7.1   307.4       80    19.2    20.1      147    10.4    29.3
 14     7.1   307.4       81    19.3    18.9      148    10.2    29.3
 15     7.1   308.0       82    19.4    18.6      149     9.9    27.9
 16     6.9   310.2       83    19.3    18.7      150     9.6    25.8
 17     7.1   310.4       84    19.2    21.5      151     9.3    26.1
 18     7.5   310.6       85    19.1    21.5      152     9.2    28.9
 19     7.6   311.6       86    19.1    21.5      153     8.9    35.6
 20     7.8   312.8       87    19.1    21.5      154     8.8    36.7
 21     8.0   312.9       88    19.1    21.5      155     8.7    34.9
 22     8.1   313.2       89    19.2    21.5      156     8.5    31.2
 23     8.0   313.3       90    19.4    21.6      157     8.2    30.2
 24     8.0   314.1       91    19.6    21.7      158     7.9    30.0
 25     8.6   318.4       92    19.7    21.8      159     7.9    28.9
 26     8.7   318.0       93    19.8    21.9      160     7.5    27.0
 27     7.9   316.1       94    20.0    21.9      161     7.4    27.0
 28     7.6   315.9       95    19.8    21.9      162     7.6    26.9
 29     8.0   318.0       96    19.3    24.7      163     7.6    26.9
 30     8.1   320.8       97    18.9    25.0      164     7.4    26.9
 31     7.9   323.2       98    18.6    25.0      165     7.4    26.7
 32     8.0   325.5       99    18.5    24.9      166     7.4    22.6
 33     7.8   325.2      100    18.5    24.9      167     7.0    19.5
 34     7.1   324.7      101    18.3    24.9      168     6.9    19.5
 35     6.4   324.9      102    18.0    24.9      169     7.1    18.4
 36     7.1   329.8      103    17.6    24.9      170     7.1    16.2
 37     7.6   332.5      104    17.9    24.8      171     7.0    16.1
 38     8.0   333.0      105    18.0    24.7      172     7.3    13.5
 39     8.2   334.5      106    17.6    25.4      173     7.1    10.2
 40     8.3   336.0      107    17.3    26.9      174     6.7     8.0
 41     8.2   338.2      108    17.1    26.9      175     7.2     4.6
 42     8.0   338.5      109    16.9    26.8      176     7.6     2.9
 43     7.8   339.4      110    16.7    26.8      177     7.3     3.8
 44     7.5   346.8      111    16.4    26.8      178     7.3     2.2
 45     7.6   349.8      112    16.6    26.8      179     7.4     1.9
 46     8.0   353.1      113    16.7    26.7      180     7.7     4.9
 47     8.5   357.8      114    16.6    26.6      181     8.2     5.9
 48     9.1     0.4      115    16.5    25.8      182     8.4     6.1
 49     9.7     4.2      116    16.3    24.7      183     8.8     6.3
 50    10.1     6.1      117    16.1    23.6      184     8.6     6.5
 51     9.6     8.8      118    16.0    22.5      185     8.2     8.1
 52     9.0    11.4      119    16.0    21.3      186     8.0     7.0
 53     9.5    16.0      120    16.0    20.1      187     8.3     3.2
 54     9.9    18.8      121    16.0    18.8      188     8.4   359.6
 55    10.0    19.5      122    15.8    19.5      189     8.4   350.8
 56     9.7    23.4      123    15.5    20.7      190     8.1   346.3
 57    10.3    28.1      124    15.2    21.8      191     7.8   344.1
 58    11.4    30.4      125    14.8    22.9      192     7.3   342.4
 59    12.2    32.3      126    14.4    23.9      193     6.8   343.6
 60    12.6    32.4      127    14.0    25.0      194     6.3   344.7
 61    12.9    32.4      128    13.7    26.0      195     6.1   341.4
 62    13.0    32.5      129    13.4    26.7      196     6.4   337.6
 63    13.5    32.8      130    13.1    26.7      197     6.7   336.4
 64    14.4    33.0      131    13.0    26.7
 65    15.1    33.0      132    12.9    26.7
 66    15.7    34.2      133    13.0    26.8
```



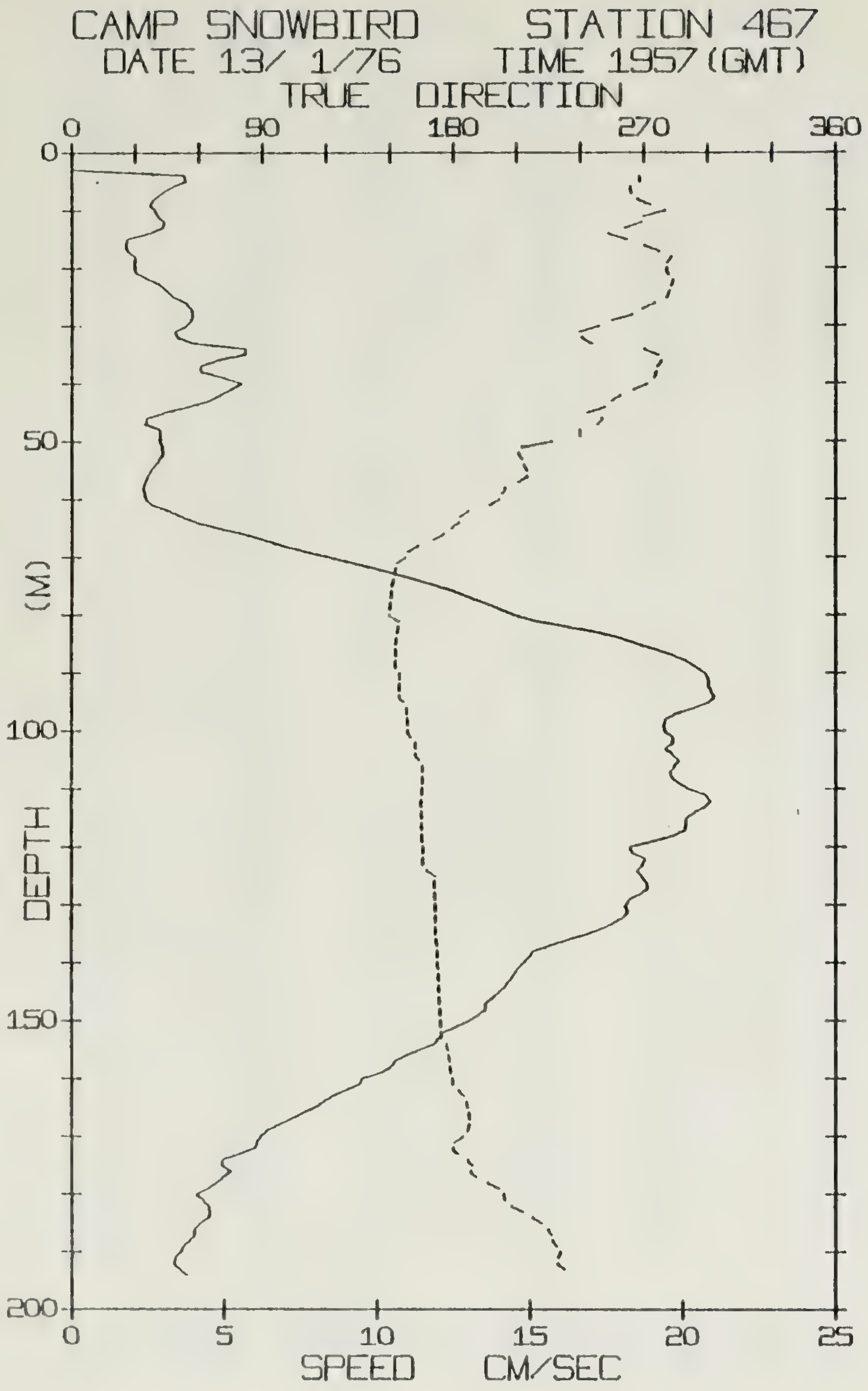
CAMP SNOWBIRD STATION 465
DATE 12/ 1/76 TIME 1918(GMT)
TRUE DIRECTION

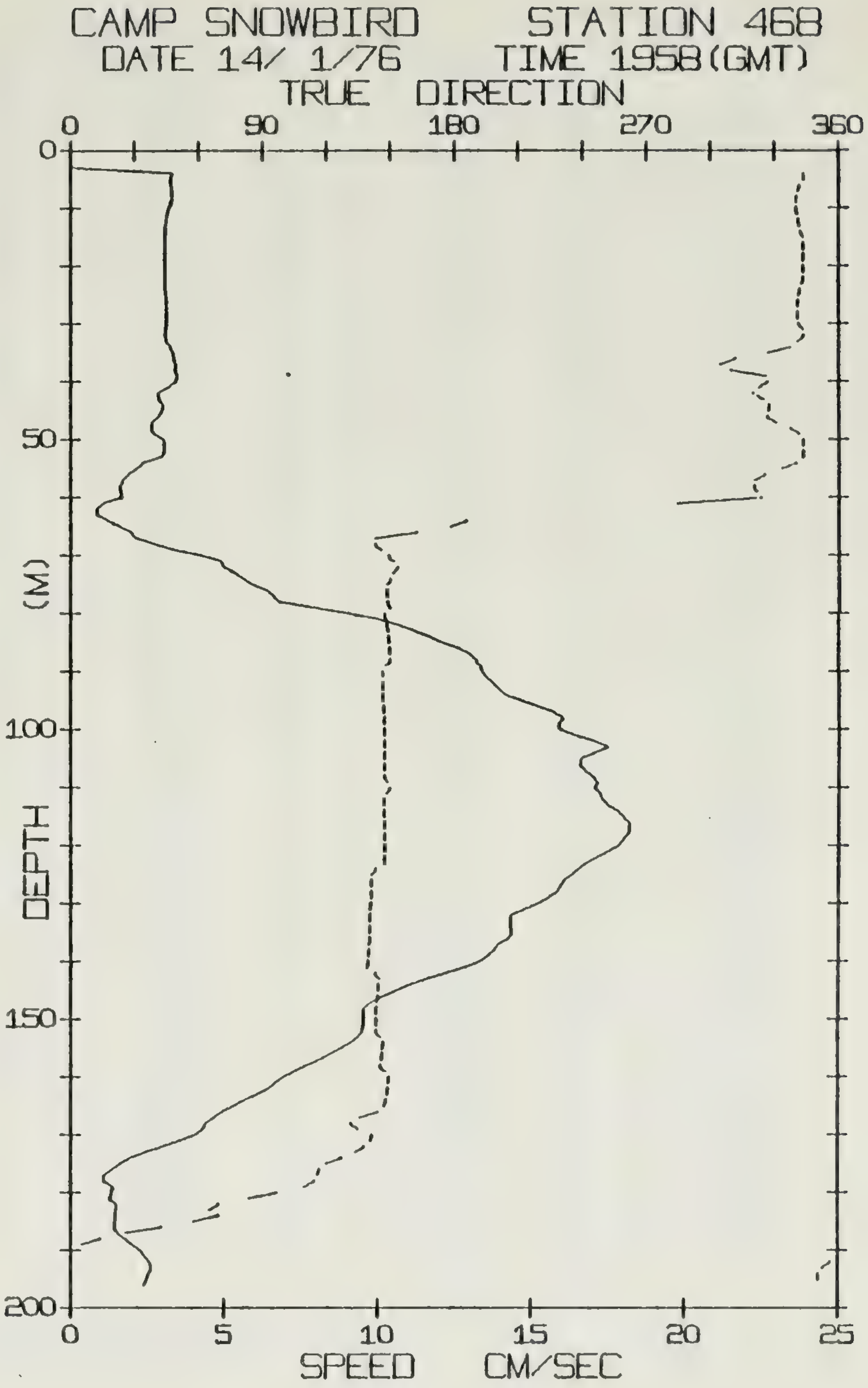


CAMP SNOWBIRD STATION 466
DATE 13/ 1/76 TIME 713(GMT)
TRUE DIRECTION

```
SNOWBIRD STATION 465     (193M.)      12/JAN/76      1918 GMT
LAT= 73.9602N  LONG= 145.1033W  LTER=     1   LGER=     1.
NIVEL=  -0.1   EIVEL=  -0.9     NVER=     0.  EVER=     0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   11.3    57.5       134   14.9   106.9
   1    0.0   999.9        68   11.2    59.4       135   14.5   106.9
   2    0.0   999.9        69   11.2    59.4       136   14.0   107.1
   3    0.0   999.9        70   11.2    60.7       137   13.5   107.1
   4    2.9   297.8        71   11.2    68.4       138   13.5   107.1
   5    2.9   298.1        72   11.2    74.6       139   13.5   107.1
   6    2.9   299.8        73   10.9    75.0       140   13.5   107.1
   7    2.8   305.4        74   10.7    75.1       141   13.1   107.2
   8    2.7   314.2        75   10.6    75.2       142   12.8   107.2
   9    2.6   321.0        76   10.9    75.4       143   12.8   107.2
  10    2.6   322.5        77   11.2    75.5       144   12.7   108.4
  11    2.6   322.5        78   11.5    75.5       145   12.7   113.1
  12    2.6   322.5        79   11.7    77.6       146   12.7   113.1
  13    2.6   322.5        80   11.4    80.6       147   12.6   113.1
  14    2.6   322.5        81   10.9    80.8       148   12.6   113.1
  15    2.6   322.5        82   11.2    81.5       149   12.5   113.1
  16    2.6   322.6        83   11.5    85.1       150   12.4   113.1
  17    2.6   319.5        84   11.8    86.4       151   12.3   113.2
  18    2.6   318.3        85   12.1    86.4       152   11.9   113.2
  19    2.7   316.6        86   12.3    86.4       153   11.3   113.4
  20    2.7   312.6        87   12.5    86.4       154   10.6   113.7
  21    2.8   309.3        88   12.7    86.4       155    9.8   113.9
  22    2.8   307.3        89   12.9    86.4       156    9.9   113.9
  23    2.8   306.7        90   13.0    86.5       157   10.1   114.0
  24    2.9   305.0        91   13.1    86.7       158    9.6   114.3
  25    2.9   302.6        92   13.2    86.8       159    8.9   114.4
  26    2.9   300.4        93   13.3    88.4       160    8.3   114.8
  27    3.0   299.3        94   13.4    92.9       161    7.9   114.9
  28    3.0   298.9        95   13.4    92.9       162    7.5   115.1
  29    3.0   298.8        96   13.5    92.9       163    7.2   115.2
  30    3.0   298.8        97   13.5    92.9       164    7.0   115.3
  31    3.0   298.7        98   13.5    92.9       165    6.8   115.4
  32    3.0   298.7        99   13.6    92.9       166    6.5   115.6
  33    3.0   298.6       100   13.5    95.0       167    6.3   115.7
  34    3.0   295.1       101   13.5   101.2       168    5.8   116.1
  35    3.2   280.7       102   13.4   101.2       169    5.2   116.5
  36    3.2   273.9       103   13.5   101.2       170    4.8   116.6
  37    3.2   278.3       104   13.7   101.2       171    4.5   116.8
  38    3.1   291.9       105   13.9   101.2       172    4.3   117.0
  39    3.0   299.7       106   14.1   101.1       173    4.0   106.3
  40    2.9   303.0       107   14.3   101.1       174    3.9   103.8
  41    2.9   305.4       108   14.6   101.1       175    3.8   103.9
  42    2.9   307.9       109   14.8   104.4       176    3.6    99.3
  43    2.8   311.5       110   15.0   107.0       177    3.4    94.0
  44    2.8   315.4       111   15.1   107.0       178    3.2    94.1
  45    2.7   320.4       112   15.2   107.0       179    3.2    94.1
  46    2.6   328.8       113   15.3   107.0       180    3.3    94.1
  47    2.2   348.6       114   15.2   107.0       181    3.2    87.7
  48    2.0     5.1       115   15.0   107.0       182    2.4    87.9
  49    1.9    11.7       116   15.0   107.0       183    1.8    89.2
  50    1.9    10.5       117   14.9   107.0       184    1.6    85.8
  51    1.9     9.5       118   14.9   106.9       185    1.6    76.7
  52    1.9    11.8       119   15.0   106.9       186    1.9    72.7
  53    1.8    18.5       120   15.0   106.8       187    2.2    73.2
  54    2.4    39.4       121   15.2   106.8       188    2.4    73.4
  55    4.6    53.4       122   15.3   106.7       189    2.4    73.4
  56    5.2    57.5       123   15.4   106.6       190    2.2    68.5
  57    6.2    53.7       124   15.4   106.5       191    1.9    54.0
  58    7.6    53.1       125   15.3   106.6       192    1.8    30.2
  59    8.4    53.4       126   15.0   106.5       193    1.8    30.2
  60    9.3    53.6       127   14.7   106.5
  61   10.1    53.8       128   14.5   106.4
  62   10.8    54.0       129   14.4   106.5
  63   11.2    54.1       130   14.5   106.6
  64   10.8    54.0       131   14.5   106.6
  65   10.9    54.0       132   14.7   106.7
  66   11.2    54.1       133   14.8   106.8
```

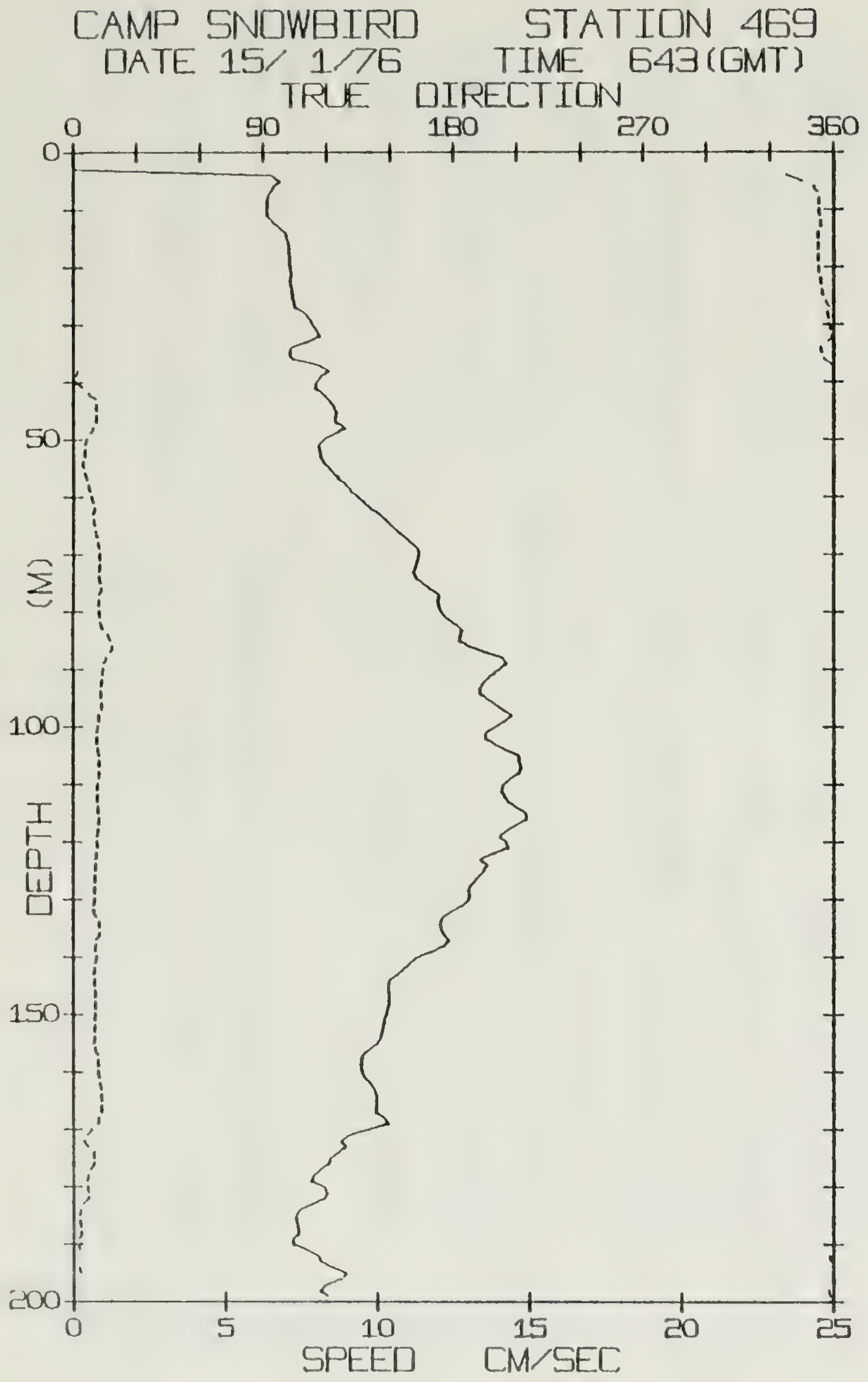
```
SNOWBIRD STATION 466     (194M.)      13/JAN/76       713 GMT
LAT= 73.9592N  LONG= 145.0994W  LTER=     0   LGER=     0.
NIVEL=   0.0   EIVEL=   0.4     NVER=     0.  EVER=     0.

 DPT    SPD     DRN       DPT    SPD     DRN       DPT    SPD     DRN
   0    0.0   999.9        67   12.6   101.9       134   16.7   133.8
   1    0.0   999.9        68   13.5   101.8       135   16.6   133.8
   2    0.0   999.9        69   14.2   101.9       136   16.5   134.7
   3    0.0   999.9        70   14.9   101.9       137   16.1   138.4
   4    1.6     3.1        71   15.3   101.9       138   15.9   138.4
   5    1.6   352.7        72   15.8   101.9       139   15.6   138.4
   6    1.6   341.6        73   16.2   105.1       140   15.3   138.4
   7    1.6   335.7        74   16.7   105.2       141   15.1   138.4
   8    1.6   335.7        75   17.1   105.4       142   15.0   140.5
   9    1.6   338.3        76   17.4   108.3       143   14.7   140.5
  10    1.6   351.1        77   17.7   110.3       144   14.3   140.4
  11    1.6   352.7        78   17.8   110.4       145   14.0   140.4
  12    1.3   344.3        79   17.9   110.4       146   13.7   140.3
  13    1.1   334.1        80   17.9   110.5       147   13.4   140.2
  14    1.0   326.7        81   17.9   110.6       148   13.2   140.2
  15    0.8   316.7        82   18.1   110.7       149   13.0   140.1
  16    0.6   309.1        83   18.6   110.8       150   12.8   140.1
  17    0.6   303.5        84   19.0   110.9       151   12.5   140.0
  18    0.4   299.4        85   18.9   114.6       152   12.2   140.1
  19    0.3   288.1        86   18.8   115.1       153   11.9   140.1
  20    0.2   275.0        87   19.0   116.8       154   11.6   140.0
  21    0.1   225.0        88   19.1   117.1       155   11.3   140.0
  22    0.1   184.5        89   19.0   117.1       156   10.9   139.8
  23    0.1   183.7        90   18.8   117.3       157   10.7   138.7
  24    0.2   185.1        91   18.7   119.3       158   10.4   135.4
  25    0.2   187.4        92   18.6   119.4       159   10.1   135.1
  26    0.2   186.3        93   18.8   119.4       160    9.8   135.0
  27    0.2   182.6        94   19.1   119.4       161    9.5   135.5
  28    0.3   184.3        95   19.6   119.4       162    9.2   137.5
  29    0.3   183.8        96   20.1   119.5       163    8.7   137.4
  30    0.3   170.7        97   20.3   119.5       164    8.3   137.2
  31    0.3   158.6        98   20.3   119.6       165    7.9   137.2
  32    0.3   170.2        99   20.0   120.6       166    7.7   137.1
  33    0.3   173.3       100   19.6   122.9       167    7.4   134.9
  34    0.3   167.0       101   19.3   122.9       168    7.1   134.4
  35    1.1   210.7       102   19.1   122.8       169    6.8   134.2
  36    1.0   210.1       103   19.0   125.7       170    6.4   134.0
  37    1.1   209.3       104   18.9   128.7       171    6.1   133.8
  38    1.2   212.4       105   19.1   128.6       172    5.8   133.3
  39    1.2   218.2       106   19.3   128.6       173    5.6   131.3
  40    1.3   217.7       107   19.3   128.6       174    5.3   131.2
  41    1.5   216.4       108   19.2   128.6       175    5.1   132.4
  42    1.4   209.7       109   19.1   128.6       176    4.9   133.8
  43    1.0   197.5       110   19.1   128.5       177    4.8   134.1
  44    0.8   180.1       111   19.3   128.5       178    4.7   134.9
  45    1.3   181.5       112   19.5   128.5       179    4.5   137.0
  46    1.7   175.7       113   19.6   128.5       180    4.1   140.7
  47    1.8   165.8       114   19.6   128.4       181    3.7   145.0
  48    2.0   156.1       115   19.3   128.5       182    3.4   148.2
  49    1.9   145.4       116   19.2   128.5       183    3.4   149.0
  50    2.1   137.3       117   19.2   128.4       184    3.4   146.5
  51    2.6   129.9       118   19.4   128.4       185    3.6   139.1
  52    2.8   122.4       119   19.6   128.5       186    3.7   133.5
  53    3.6   116.6       120   19.7   128.5       187    3.6   130.5
  54    4.0   111.2       121   19.6   131.2       188    3.3   123.3
  55    5.0   106.4       122   19.4   132.8       189    2.6   113.4
  56    6.0   106.2       123   19.1   133.9       190    2.4   108.3
  57    6.0   106.3       124   19.0   133.8       191    2.2   105.4
  58    6.3   106.4       125   19.0   133.8       192    2.2   103.1
  59    6.6   104.1       126   18.9   133.8       193    2.1   100.0
  60    7.1   104.0       127   18.8   133.8       194    2.1    97.0
  61    7.3   104.3       128   18.7   133.8
  62    8.1   104.5       129   18.4   133.8
  63    9.1   104.6       130   18.0   133.8
  64    9.8   104.5       131   17.5   133.7
  65   10.7   103.2       132   17.1   133.8
  66   11.6   101.9       133   16.8   133.8
```

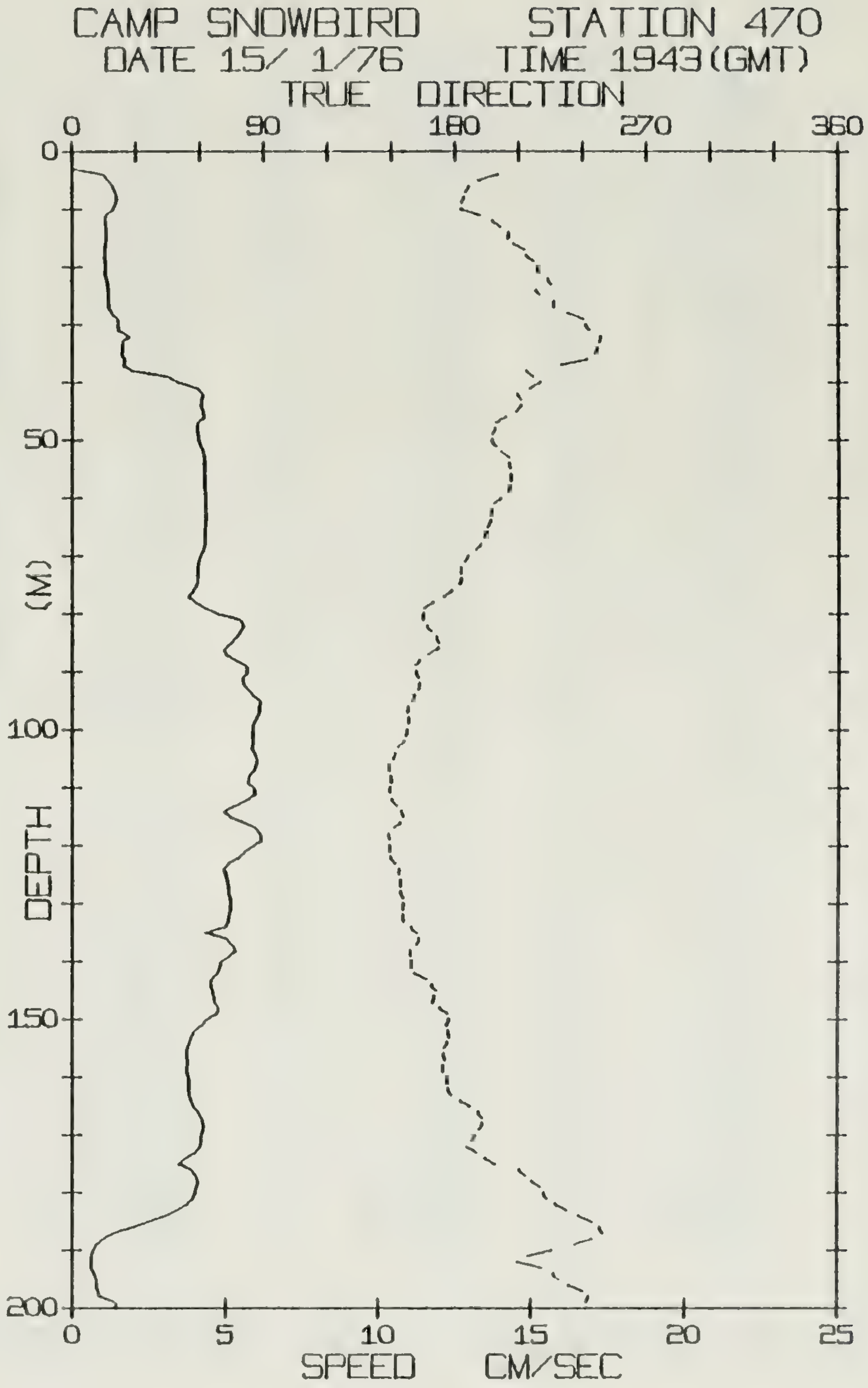

CAMP SNOWBIRD STATION 467
DATE 13/ 1/76 TIME 1957(GMT)


CAMP SNOWBIRD STATION 468
DATE 14/ 1/76 TIME 1958(GMT)

```
SNOWBIRD STATION 467      (194M.)       13/JAN/76        1957 GMT
LAT= 73.9592N  LONG= 145.0971W  LTER=       1   LGER=      2
NIVEL=  -0.1   EIVEL=  -2.2     NVER=       0   EVER=      0.

 DPT     SPD     DRN       DPT     SPD     DRN       DPT     SPD     DRN
   0     0.0   999.9        67     6.3   170.9       134    17.4   171.8
   1     0.0   999.9        68     6.9   163.4       135    16.9   171.9
   2     0.0   999.9        69     7.6   159.0       136    16.2   172.2
   3     0.0   999.9        70     8.4   157.4       137    15.6   172.5
   4     3.7   267.7        71     9.1   153.8       138    15.1   172.7
   5     3.8   268.3        72     9.9   152.8       139    15.0   172.8
   6     3.3   263.6        73    10.7   152.0       140    14.8   172.9
   7     3.0   263.9        74    11.3   151.5       141    14.6   173.1
   8     2.7   266.8        75    12.0   151.0       142    14.5   173.1
   9     2.6   272.8        76    12.6   150.7       143    14.3   173.2
  10     2.7   279.5        77    13.1   150.5       144    14.2   173.3
  11     2.8   270.0        78    13.6   150.3       145    14.0   173.4
  12     3.0   268.8        79    14.0   150.1       146    13.8   173.7
  13     3.0   261.0        80    14.5   149.8       147    13.6   173.8
  14     2.5   253.1        81    15.2   154.1       148    13.5   173.8
  15     1.8   261.7        82    16.2   154.0       149    13.3   173.9
  16     1.8   270.3        83    17.2   153.6       150    13.0   174.1
  17     1.8   276.9        84    18.0   153.3       151    12.6   174.3
  18     2.1   282.6        85    18.6   153.1       152    12.2   174.5
  19     2.1   280.8        86    19.2   152.9       153    12.0   174.7
  20     2.1   280.2        87    19.7   152.8       154    11.9   176.9
  21     2.2   281.5        88    20.2   152.7       155    11.4   177.7
  22     2.5   283.5        89    20.5   152.6       156    10.9   178.1
  23     2.9   282.7        90    20.7   154.7       157    10.6   178.5
  24     3.1   281.8        91    20.9   154.7       158    10.4   178.7
  25     3.3   280.4        92    20.9   154.6       159    10.1   179.1
  26     3.7   275.0        93    20.9   154.6       160     9.5   179.8
  27     3.9   269.3        94    21.0   154.6       161     9.4   180.0
  28     4.0   264.6        95    20.9   156.9       162     9.0   183.0
  29     3.9   255.0        96    20.4   158.3       163     8.5   185.4
  30     3.8   248.7        97    19.8   158.5       164     8.2   186.5
  31     3.4   239.7        98    19.4   158.6       165     8.0   187.2
  32     3.5   241.0        99    19.4   158.7       166     7.6   187.7
  33     4.0   244.9       100    19.4   158.6       167     7.2   188.0
  34     5.7   270.2       101    19.7   159.9       168     6.8   187.7
  35     5.7   276.7       102    19.7   162.2       169     6.4   186.8
  36     4.8   278.0       103    19.4   162.4       170     6.2   184.8
  37     4.2   276.3       104    19.7   162.3       171     6.1   181.0
  38     4.3   275.6       105    19.9   164.1       172     6.0   179.7
  39     5.0   274.4       106    19.7   165.6       173     5.5   182.2
  40     5.6   271.4       107    19.6   165.5       174     5.0   187.0
  41     5.2   265.2       108    19.7   165.5       175     4.9   189.0
  42     4.9   258.8       109    19.9   165.4       176     5.2   188.4
  43     4.5   254.5       110    20.2   165.3       177     5.0   190.7
  44     3.9   251.6       111    20.8   165.0       178     4.8   196.3
  45     3.1   243.4       112    20.9   165.0       179     4.5   201.3
  46     2.5   250.2       113    20.7   165.0       180     4.1   204.0
  47     2.4   248.2       114    20.4   165.1       181     4.3   204.4
  48     2.9   240.0       115    20.1   165.2       182     4.5   207.7
  49     2.9   240.0       116    20.1   165.1       183     4.5   212.6
  50     2.9   226.4       117    20.1   165.1       184     4.5   217.6
  51     3.0   212.3       118    19.7   165.3       185     4.2   221.5
  52     3.0   211.1       119    19.0   165.6       186     4.0   224.8
  53     2.9   212.5       120    18.3   165.9       187     4.0   226.3
  54     2.7   213.8       121    18.4   165.8       188     3.9   227.1
  55     2.6   215.2       122    18.8   165.6       189     3.7   228.8
  56     2.5   214.8       123    18.7   165.8       190     3.6   230.4
  57     2.4   210.8       124    18.5   167.6       191     3.4   229.2
  58     2.4   204.6       125    18.7   171.6       192     3.4   229.4
  59     2.4   202.8       126    18.8   171.3       193     3.5   232.5
  60     2.4   201.6       127    18.9   171.3       194     3.8   238.2
  61     2.6   197.1       128    18.7   171.4
  62     3.2   187.1       129    18.3   171.6
  63     3.6   183.3       130    18.1   171.8
  64     4.1   182.5       131    18.2   171.8
  65     4.7   179.4       132    18.1   171.7
  66     5.6   175.4       133    17.8   171.7
```

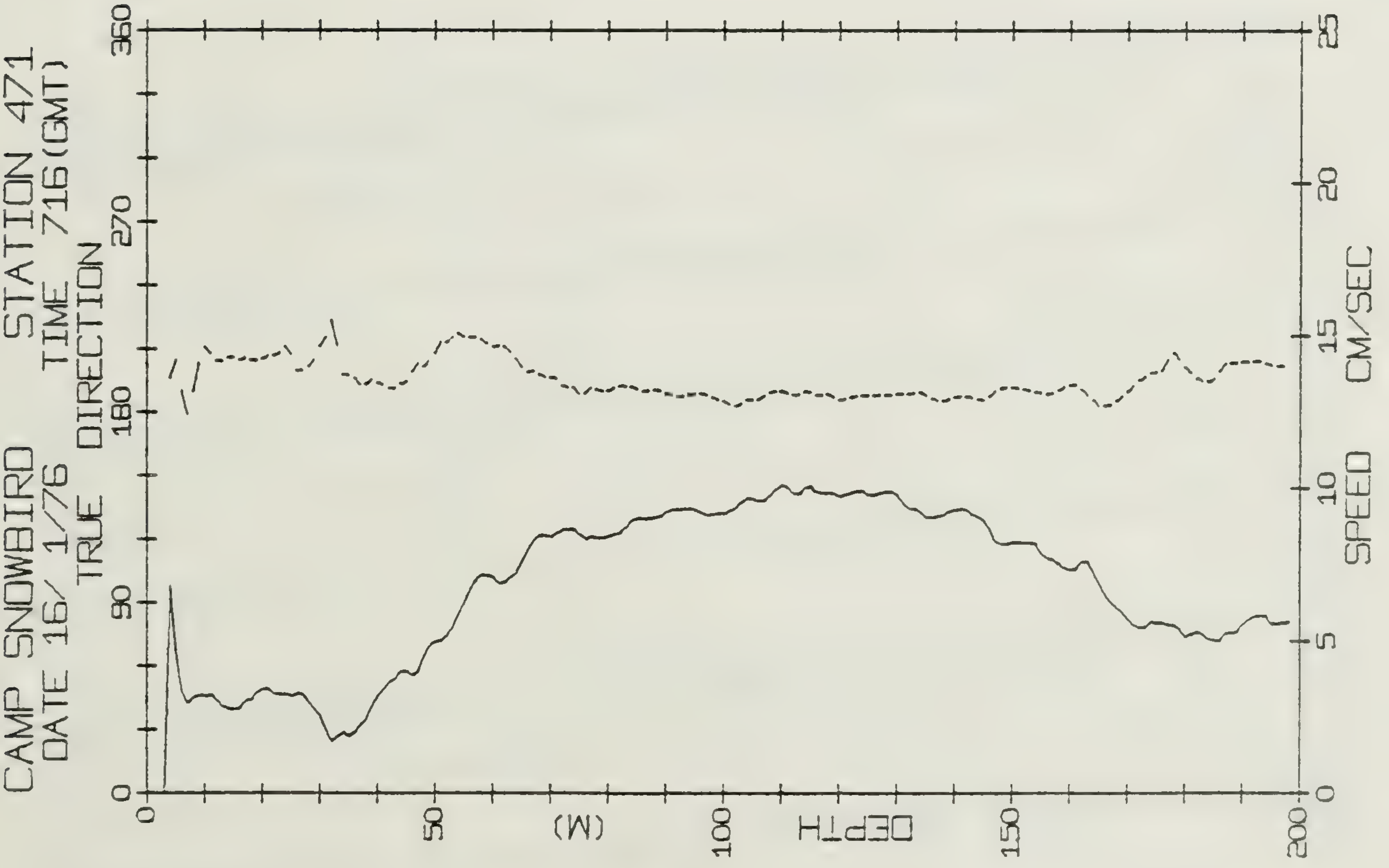
```
SNOWBIRD STATION 468      (196M.)       14/JAN/76        1958 GMT
LAT= 73.9718N  LONG= 145.1046W  LTER=      1.   LGER=     2.
NIVEL=   4.7   EIVEL=  -0.8     NVER=      0.   EVER=     0.

 DPT     SPD     DRN       DPT     SPD     DRN       DPT     SPD     DRN
   0     0.0   999.9        67     2.1   143.4       134    14.4   140.5
   1     0.0   999.9        68     2.7   142.8       135    14.4   140.6
   2     0.0   999.9        69     3.4   145.9       136    14.3   140.4
   3     0.0   999.9        70     4.2   149.4       137    13.9   140.1
   4     3.3   344.0        71     4.9   151.9       138    13.8   139.9
   5     3.3   343.8        72     5.0   153.6       139    13.6   139.8
   6     3.3   342.0        73     5.4   151.6       140    13.3   139.5
   7     3.3   340.7        74     5.6   150.3       141    12.8   139.1
   8     3.3   340.1        75     5.9   148.8       142    12.2   143.0
   9     3.3   340.0        76     6.4   148.4       143    11.6   144.9
  10     3.2   340.2        77     6.6   148.9       144    11.1   144.5
  11     3.1   340.6        78     6.8   149.0       145    10.6   144.2
  12     3.1   341.6        79     7.9   150.2       146    10.2   143.9
  13     3.1   342.0        80     9.1   147.3       147     9.8   143.5
  14     3.1   342.6        81    10.0   148.3       148     9.6   143.3
  15     3.1   343.8        82    10.7   148.7       149     9.5   143.3
  16     3.1   343.8        83    11.2   149.1       150     9.5   143.3
  17     3.1   343.8        84    11.7   149.4       151     9.5   143.3
  18     3.1   343.8        85    12.1   149.6       152     9.5   143.2
  19     3.1   343.8        86    12.7   149.9       153     9.4   145.3
  20     3.1   343.8        87    13.0   150.1       154     9.1   146.4
  21     3.1   343.8        88    13.2   150.2       155     8.8   146.2
  22     3.1   343.8        89    13.4   147.6       156     8.5   146.0
  23     3.1   342.9        90    13.4   146.5       157     8.1   145.6
  24     3.1   341.9        91    13.6   146.5       158     7.7   145.2
  25     3.1   341.2        92    13.8   146.6       159     7.3   147.6
  26     3.1   340.7        93    14.0   146.7       160     6.9   149.2
  27     3.1   340.6        94    14.2   146.8       161     6.7   148.9
  28     3.1   340.6        95    14.7   146.9       162     6.4   148.7
  29     3.1   340.7        96    15.2   147.1       163     6.1   148.2
  30     3.1   341.8        97    15.7   147.2       164     5.6   147.6
  31     3.1   344.2        98    16.1   147.3       165     5.3   147.0
  32     3.1   344.1        99    15.9   147.2       166     4.9   144.3
  33     3.1   341.3       100    16.0   147.2       167     4.7   135.9
  34     3.3   337.4       101    16.5   147.4       168     4.4   131.7
  35     3.4   327.1       102    17.1   147.5       169     4.3   135.0
  36     3.4   311.7       103    17.5   147.7       170     4.1   141.2
  37     3.4   305.0       104    17.1   147.5       171     3.6   140.7
  38     3.4   309.6       105    16.6   147.4       172     3.0   138.0
  39     3.5   326.1       106    16.6   147.4       173     2.4   133.8
  40     3.4   326.9       107    16.8   147.5       174     1.9   127.1
  41     3.2   322.9       108    17.0   147.5       175     1.6   120.0
  42     2.9   320.4       109    17.2   148.9       176     1.3   116.6
  43     2.9   324.8       110    17.1   150.2       177     1.1   115.7
  44     3.0   327.6       111    17.3   148.3       178     1.1   114.3
  45     3.0   327.1       112    17.3   147.1       179     1.4   109.8
  46     2.9   326.5       113    17.5   147.1       180     1.3    96.7
  47     2.7   331.0       114    17.8   147.2       181     1.3    83.6
  48     2.6   337.7       115    18.0   147.4       182     1.5    69.5
  49     2.7   342.3       116    18.2   147.5       183     1.5    65.3
  50     3.0   343.9       117    18.2   147.5       184     1.5    69.2
  51     3.1   343.8       118    18.2   147.5       185     1.4    58.0
  52     3.1   343.8       119    18.0   147.5       186     1.4    42.7
  53     3.0   343.7       120    17.8   147.4       187     1.5    25.8
  54     2.4   340.4       121    17.5   147.4       188     1.8    14.0
  55     2.2   333.6       122    17.1   147.3       189     2.0     5.4
  56     1.9   325.8       123    16.8   147.1       190     2.3     0.1
  57     1.7   321.1       124    16.5   143.2       191     2.4   357.8
  58     1.6   320.7       125    16.3   141.3       192     2.6   356.4
  59     1.7   321.9       126    16.1   141.2       193     2.6   353.2
  60     1.7   323.8       127    15.9   141.2       194     2.5   351.1
  61     1.1   284.7       128    15.8   141.2       195     2.4   350.7
  62     0.8   246.4       129    15.5   141.0       196     2.4   349.2
  63     0.9   196.0       130    15.2   140.9
  64     1.2   185.8       131    14.8   140.6
  65     1.6   178.7       132    14.3   140.4
  66     2.0   162.7       133    14.3   140.5
```

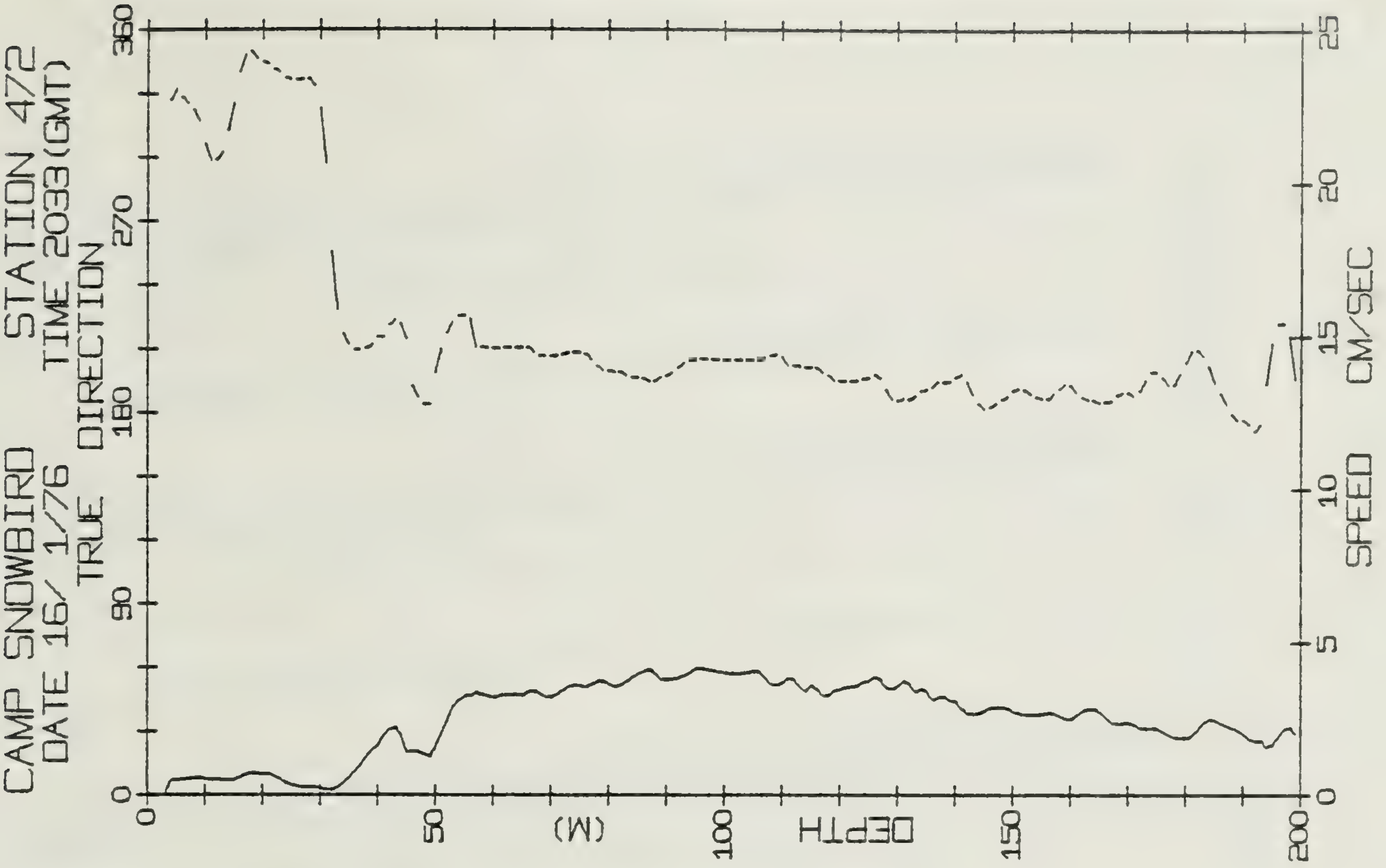

CAMP SNOWBIRD STATION 469
DATE 15/ 1/76 TIME 643(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 470
DATE 15/ 1/76 TIME 1943(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 469     (199M.)     15/JAN/76        643 GMT
LAT= 73.9922N  LONG= 145.1148W  LTER=      1.  LCER=      2.
NIVEL=    5.0   EIVEL=   -2.0   NVER=      0.  EVER=      0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67   10.9    11.5      134   12.0    12.5
   1    0.0   999.9       68   11.1    12.0      135   12.1    12.5
   2    0.0   999.9       69   11.3    12.5      136   12.2    12.7
   3    0.0   999.9       70   11.4    12.6      137   12.3    10.8
   4    6.5   338.0       71   11.3    12.5      138   12.2    10.5
   5    6.8   344.7       72   11.2    12.3      139   11.8    10.0
   6    6.6   350.8       73   11.2    12.1      140   11.3    11.0
   7    6.5   352.5       74   11.3    12.4      141   11.1    10.4
   8    6.4   353.2       75   11.5    13.0      142   10.9     9.9
   9    6.4   353.4       76   11.7    13.2      143   10.7     9.8
  10    6.4   353.5       77   12.0    11.9      144   10.4    10.4
  11    6.4   353.6       78   12.0    12.1      145   10.4    10.4
  12    6.5   354.3       79   12.0    12.2      146   10.4    10.5
  13    6.8   354.1       80   12.1    12.3      147   10.4    10.5
  14    7.0   352.7       81   12.3    12.5      148   10.4    10.5
  15    7.0   352.8       82   12.5    13.0      149   10.3    10.5
  16    7.1   353.0       83   12.8    13.9      150   10.3    10.3
  17    7.1   353.0       84   12.7    16.5      151   10.2    10.2
  18    7.1   353.1       85   12.7    17.6      152   10.2    10.1
  19    7.1   353.1       86   13.0    18.5      153   10.1    10.0
  20    7.1   353.2       87   13.5    17.4      154   10.1     9.9
  21    7.2   353.4       88   14.1    15.5      155   10.0     9.6
  22    7.1   354.3       89   14.3    14.2      156    9.8    10.6
  23    7.2   354.5       90   14.0    13.9      157    9.5    11.9
  24    7.2   354.8       91   13.8    13.5      158    9.5    11.9
  25    7.2   355.5       92   13.5    13.2      159    9.4    11.9
  26    7.3   356.7       93   13.4    13.0      160    9.5    12.1
  27    7.3   358.5       94   13.4    12.9      161    9.6    12.5
  28    7.6   357.3       95   13.6    13.1      162    9.8    13.1
  29    7.8   357.9       96   13.8    13.4      163    9.9    13.6
  30    7.9   358.5       97   14.1    13.7      164   10.0    13.8
  31    8.0   359.1       98   14.4    12.1      165   10.0    13.7
  32    8.1   359.7       99   14.2    11.8      166    9.9    13.7
  33    7.7   357.5      100   13.9    11.4      167    9.9    13.6
  34    7.2   354.3      101   13.6    11.0      168   10.2    12.2
  35    7.1   354.5      102   13.6    11.0      169   10.4    11.6
  36    7.2   355.6      103   13.8    11.4      170    9.7     8.8
  37    8.0   359.6      104   14.2    11.8      171    9.1     6.6
  38    8.4     2.0      105   14.6    12.3      172    8.8     5.5
  39    8.1     1.1      106   14.7    12.3      173    9.0     6.9
  40    8.0     1.1      107   14.7    12.3      174    8.7     9.6
  41    8.0     4.4      108   14.6    12.2      175    8.4     9.9
  42    8.2     7.2      109   14.4    11.9      176    8.4     9.6
  43    8.4    10.3      110   14.1    11.5      177    8.1     8.2
  44    8.5    11.0      111   14.1    11.4      178    7.9     7.0
  45    8.6    11.1      112   14.2    11.5      179    7.8     6.2
  46    8.6    11.0      113   14.3    11.6      180    8.2     6.9
  47    8.6    10.9      114   14.6    11.8      181    8.4     7.3
  48    8.9     9.4      115   14.9    12.3      182    8.3     6.9
  49    8.6     8.2      116   14.9    12.4      183    7.9     4.8
  50    8.2     6.4      117   14.6    11.9      184    7.4     3.3
  51    8.1     5.5      118   14.3    11.6      185    7.3     3.0
  52    8.1     5.7      119   14.0    11.3      186    7.4     3.4
  53    8.1     5.8      120   14.2    11.6      187    7.4     3.8
  54    8.3     4.7      121   14.3    11.7      188    7.4     4.0
  55    8.4     5.2      122   13.8    11.1      189    7.2     2.7
  56    8.6     5.9      123   13.4    10.5      190    7.2     2.5
  57    8.8     6.6      124   13.6    10.8      191    7.7     2.9
  58    9.0     7.5      125   13.5    10.7      192    8.0   358.3
  59    9.2     8.1      126   13.3    10.4      193    8.2   359.4
  60    9.4     8.9      127   13.2    10.1      194    8.5     2.8
  61    9.6     9.6      128   13.0     9.9      195    9.0     3.6
  62    9.8    10.3      129   13.0     9.9      196    8.8     1.0
  63   10.1     9.2      130   13.0     9.8      197    8.3   359.1
  64   10.3     9.8      131   12.8     9.5      198    8.1   358.0
  65   10.5    10.3      132   12.5     9.7      199    8.3   358.9
  66   10.7    10.9      133   12.2    11.1
```

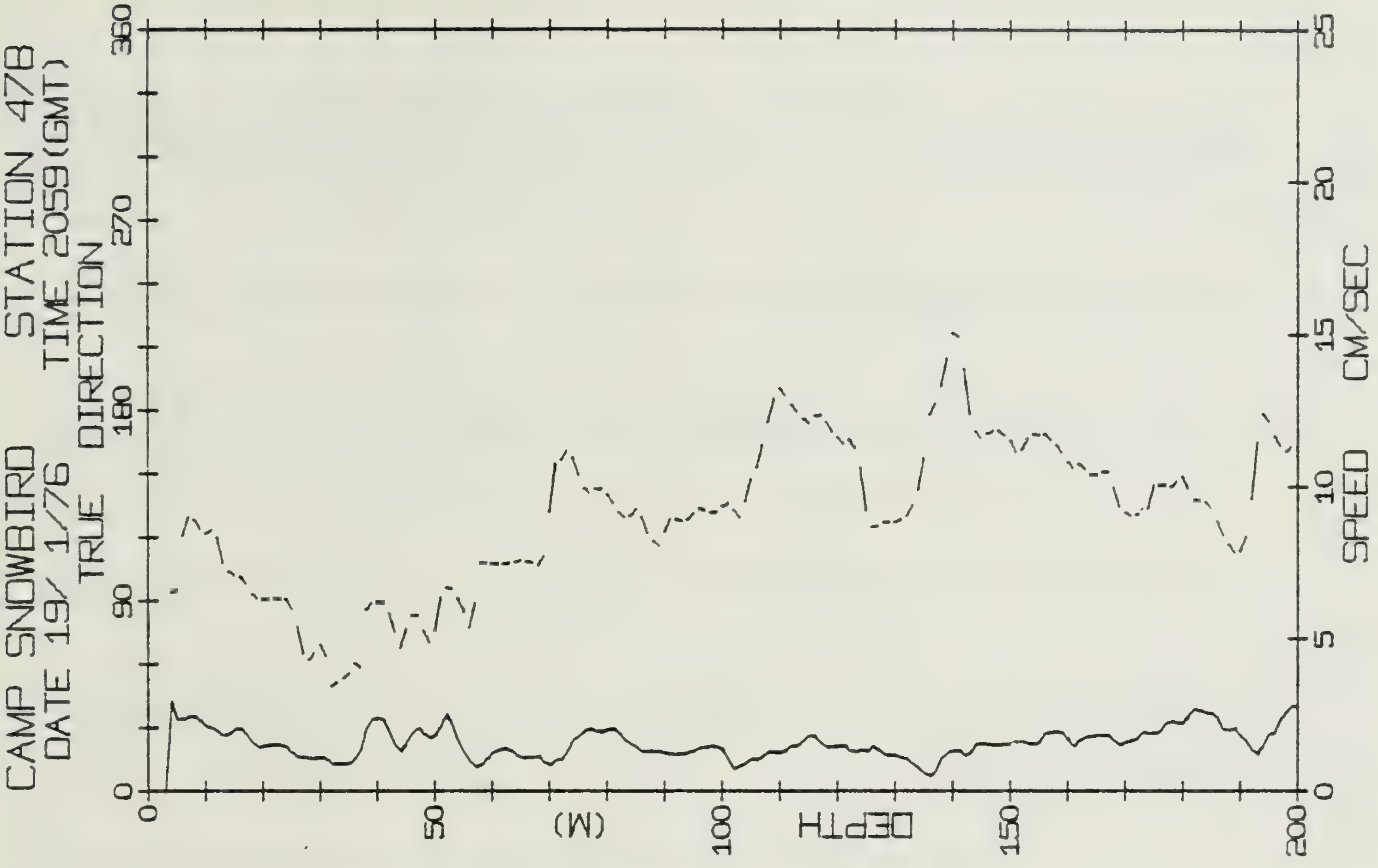
```
SNOWBIRD STATION 470     (200M.)     15/JAN/76       1943 GMT
LAT= 73.9949N  LONG= 145.1393W  LTER=      0.  LCER=      0.
NIVEL=   -2.3   EIVEL=   -0.9   NVER=      0.  EVER=      0.

 DPT    SPD     DRN      DPT    SPD     DRN      DPT    SPD     DRN
   0    0.0   999.9       67    4.3   193.7      134    5.0   159.4
   1    0.0   999.9       68    4.3   192.1      135    4.3   162.0
   2    0.0   999.9       69    4.3   189.9      136    5.0   163.4
   3    0.0   999.9       70    4.2   186.3      137    5.2   162.3
   4    1.0   200.3       71    4.1   184.6      138    5.4   159.3
   5    1.2   191.2       72    4.1   183.2      139    5.1   159.6
   6    1.3   186.5       73    4.1   183.2      140    4.9   159.9
   7    1.4   184.9       74    4.1   183.1      141    4.8   159.8
   8    1.5   184.0       75    4.1   181.6      142    4.7   161.3
   9    1.4   182.9       76    3.9   178.4      143    4.5   166.5
  10    1.3   182.8       77    3.8   175.0      144    4.5   169.1
  11    1.1   191.7       78    4.0   169.7      145    4.6   171.3
  12    1.1   197.8       79    4.3   165.8      146    4.6   170.4
  13    1.1   201.3       80    4.8   165.1      147    4.7   169.6
  14    1.1   205.2       81    5.5   165.1      148    4.8   172.9
  15    1.1   205.1       82    5.6   167.0      149    4.7   176.5
  16    1.1   207.5       83    5.5   168.9      150    4.4   177.4
  17    1.0   213.1       84    5.4   171.5      151    4.2   176.2
  18    1.1   213.6       85    5.2   172.6      152    4.0   177.1
  19    1.1   216.9       86    5.0   171.8      153    3.9   177.8
  20    1.1   218.9       87    5.0   167.4      154    3.8   176.5
  21    1.1   219.8       88    5.4   163.3      155    3.7   174.8
  22    1.1   223.8       89    5.7   161.4      156    3.7   175.0
  23    1.2   225.3       90    5.7   161.7      157    3.8   175.4
  24    1.2   218.3       91    5.6   163.1      158    3.7   174.5
  25    1.2   220.3       92    5.6   163.5      159    3.7   174.6
  26    1.2   226.3       93    5.7   162.8      160    3.8   176.3
  27    1.2   226.7       94    5.9   161.0      161    3.8   176.8
  28    1.3   233.1       95    6.1   159.9      162    3.8   177.2
  29    1.5   240.5       96    6.1   158.1      163    3.8   178.5
  30    1.5   241.7       97    6.1   158.1      164    3.9   182.7
  31    1.5   243.7       98    6.0   158.4      165    4.0   187.4
  32    1.9   248.6       99    5.9   158.8      166    4.1   191.2
  33    1.7   247.9      100    5.9   157.7      167    4.2   192.8
  34    1.7   247.1      101    5.9   157.0      168    4.3   193.2
  35    1.6   245.8      102    5.9   156.3      169    4.3   191.6
  36    1.7   242.2      103    5.9   153.1      170    4.2   189.8
  37    1.7   230.0      104    6.0   151.8      171    4.2   188.2
  38    2.0   213.8      105    6.0   150.7      172    4.2   186.1
  39    3.1   216.9      106    6.0   149.0      173    4.0   190.3
  40    3.5   220.0      107    5.9   149.3      174    3.7   194.4
  41    4.1   215.6      108    5.8   150.2      175    3.5   198.9
  42    4.3   209.4      109    5.7   150.3      176    3.9   210.6
  43    4.2   211.3      110    5.9   149.5      177    4.0   213.4
  44    4.2   211.3      111    6.0   149.3      178    4.1   216.4
  45    4.3   208.9      112    5.7   150.6      179    4.0   220.3
  46    4.3   203.8      113    5.4   152.6      180    4.0   221.8
  47    4.1   199.3      114    5.0   155.0      181    3.9   223.5
  48    4.1   198.9      115    5.1   156.1      182    3.7   227.5
  49    4.1   197.6      116    5.6   154.4      183    3.5   232.7
  50    4.2   197.3      117    6.0   151.3      184    3.1   238.5
  51    4.2   199.1      118    6.2   148.9      185    2.5   244.6
  52    4.3   201.9      119    6.2   149.4      186    2.0   248.5
  53    4.3   205.4      120    5.9   149.6      187    1.4   249.8
  54    4.3   205.8      121    5.6   149.3      188    1.0   244.8
  55    4.3   206.2      122    5.4   149.8      189    0.8   236.5
  56    4.3   206.6      123    5.1   151.9      190    0.7   225.6
  57    4.3   206.5      124    4.9   153.6      191    0.6   214.5
  58    4.4   206.0      125    5.0   153.4      192    0.6   209.7
  59    4.4   205.0      126    5.1   154.5      193    0.6   220.9
  60    4.4   201.5      127    5.1   154.3      194    0.7   226.6
  61    4.4   198.6      128    5.1   154.6      195    0.8   228.8
  62    4.4   197.5      129    5.2   155.9      196    0.8   233.5
  63    4.4   196.9      130    5.2   156.1      197    0.8   240.4
  64    4.4   196.7      131    5.2   156.0      198    0.9   242.9
  65    4.3   195.3      132    5.1   155.7      199    1.4   241.9
  66    4.3   194.6      133    5.1   155.9      200    1.4   241.9
```

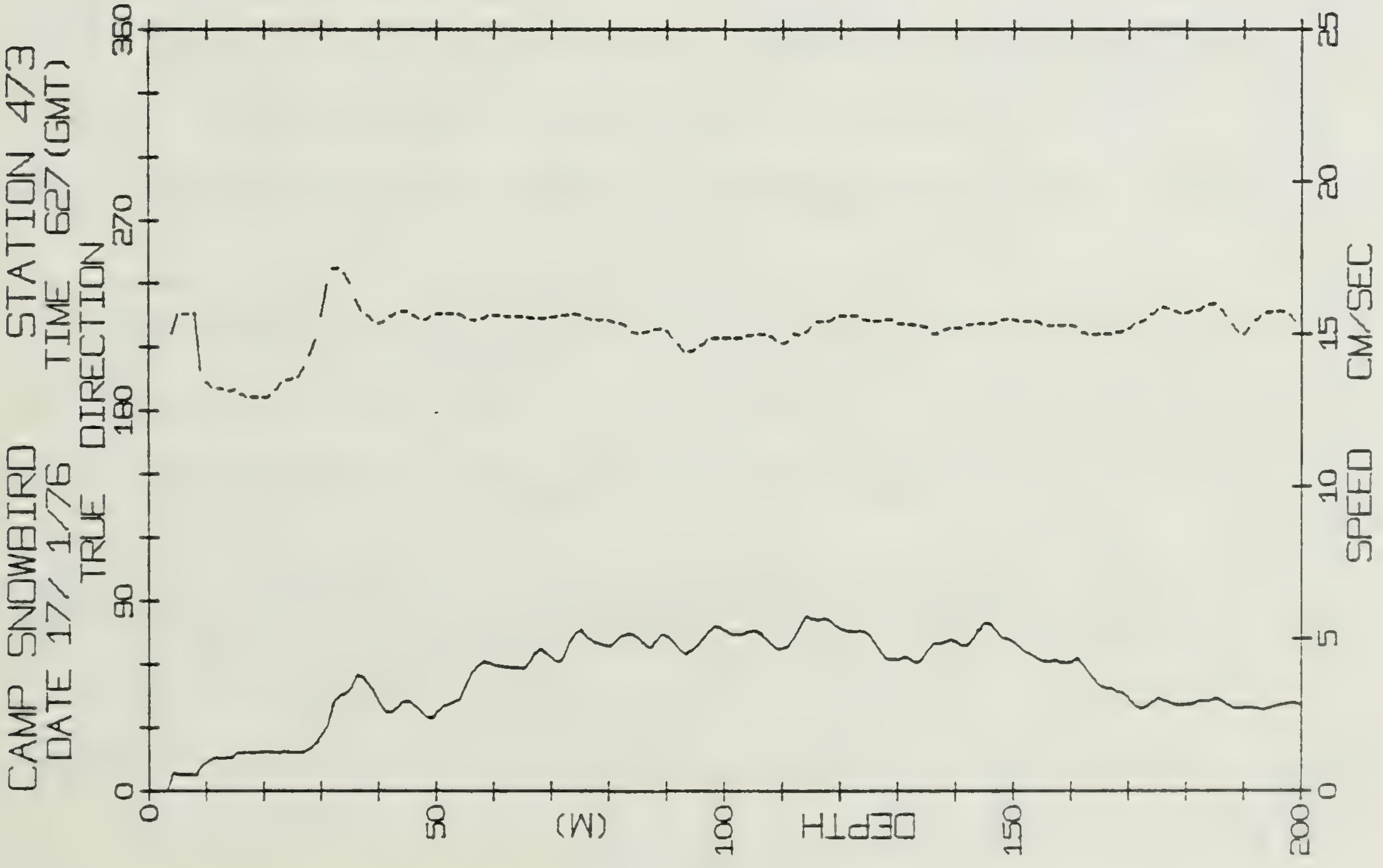

CAMP SNOWBIRD STATION 471
DATE 16/ 1/76 TIME 716(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 472
DATE 16/ 1/76 TIME 2033(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 471     (198M.)      16/JAN/76        716 GMT
LAT= 73.9733N  LONG= 145.1059W  LTER=     1   LGER=      2.
NIVEL=   -7.9   EIVEL=    2.8    NVER=     0   EVER=      0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    8.3   199.5     134    9.2   189.4
  1    0.0   999.9      68    8.5   197.7     135    9.1   187.8
  2    0.0   999.9      69    8.4   196.6     136    9.0   186.5
  3    0.0   999.9      70    8.4   196.2     137    9.1   185.3
  4    6.8   196.2      71    8.5   195.8     138    9.1   185.3
  5    4.6   204.4      72    8.6   192.6     139    9.3   186.2
  6    3.3   190.1      73    8.6   191.6     140    9.3   187.1
  7    2.9   178.8      74    8.6   191.4     141    9.3   187.6
  8    3.1   190.0      75    8.5   188.9     142    9.3   187.1
  9    3.2   202.9      76    8.3   189.2     143    9.1   186.7
 10    3.2   210.6      77    8.4   191.5     144    9.1   185.9
 11    3.2   207.9      78    8.4   190.5     145    9.0   185.7
 12    3.1   204.3      79    8.4   189.9     146    8.7   187.4
 13    2.8   203.9      80    8.4   190.4     147    8.3   189.8
 14    2.7   205.7      81    8.5   191.7     148    8.1   191.3
 15    2.7   205.6      82    8.5   192.3     149    8.2   192.0
 16    2.8   204.5      83    8.7   192.1     150    8.2   191.6
 17    3.0   205.8      84    9.0   191.9     151    8.2   191.2
 18    3.1   204.2      85    9.0   190.7     152    8.2   190.6
 19    3.3   204.0      86    9.0   189.8     153    8.2   190.2
 20    3.4   205.2      87    9.0   190.4     154    8.2   189.4
 21    3.4   206.5      88    9.1   190.5     155    7.9   189.0
 22    3.3   206.9      89    9.1   189.9     156    7.7   188.6
 23    3.2   208.2      90    9.2   189.1     157    7.7   189.1
 24    3.2   211.1      91    9.3   188.2     158    7.5   190.6
 25    3.2   207.5      92    9.3   187.5     159    7.4   192.0
 26    3.3   199.9      93    9.3   187.8     160    7.3   192.9
 27    3.2   200.0      94    9.4   188.4     161    7.4   193.2
 28    3.0   201.9      95    9.3   189.0     162    7.6   190.9
 29    2.7   204.6      96    9.2   188.8     163    7.6   188.4
 30    2.6   211.6      97    9.1   188.1     164    7.3   185.8
 31    2.1   215.6      98    9.2   187.0     165    6.9   183.2
 32    1.7   223.2      99    9.2   186.0     166    6.5   183.1
 33    1.9   211.4     100    9.2   185.1     167    6.3   183.7
 34    2.0   197.8     101    9.3   183.9     168    6.1   185.4
 35    1.9   197.3     102    9.4   182.9     169    5.9   187.4
 36    2.0   196.2     103    9.5   184.4     170    5.7   189.7
 37    2.2   193.0     104    9.7   185.8     171    5.5   192.3
 38    2.4   193.2     105    9.6   185.9     172    5.4   195.1
 39    2.8   195.6     106    9.6   186.2     173    5.4   196.6
 40    3.2   194.0     107    9.6   187.8     174    5.6   198.5
 41    3.4   192.6     108    9.8   189.5     175    5.6   199.1
 42    3.6   191.3     109   10.0   190.0     176    5.6   199.7
 43    3.8   191.1     110   10.1   189.9     177    5.5   204.5
 44    4.0   193.2     111   10.0   189.0     178    5.5   208.1
 45    4.0   194.7     112    9.9   188.2     179    5.4   205.3
 46    3.9   199.1     113    9.8   188.5     180    5.1   201.2
 47    4.0   202.9     114   10.0   189.6     181    5.2   198.6
 48    4.5   201.5     115   10.1   189.3     182    5.3   196.0
 49    4.8   204.3     116    9.9   188.1     183    5.2   194.7
 50    5.0   208.1     117    9.8   188.2     184    5.1   194.4
 51    5.0   213.1     118    9.9   188.5     185    5.0   195.8
 52    5.2   213.2     119    9.8   187.1     186    5.0   199.4
 53    5.5   215.2     120    9.7   185.8     187    5.2   202.9
 54    5.9   217.1     121    9.8   186.3     188    5.2   203.4
 55    6.2   215.6     122    9.9   187.2     189    5.3   203.4
 56    6.6   215.4     123    9.9   187.8     190    5.5   203.8
 57    7.0   215.3     124    9.9   188.1     191    5.7   203.7
 58    7.2   214.3     125    9.8   187.9     192    5.8   204.0
 59    7.1   212.5     126    9.8   188.2     193    5.8   204.1
 60    7.1   211.1     127    9.9   188.3     194    5.8   203.1
 61    6.9   211.5     128    9.9   188.4     195    5.5   202.1
 62    6.9   211.1     129    9.9   188.3     196    5.6   201.7
 63    7.1   208.6     130    9.8   188.7     197    5.6   201.6
 64    7.2   205.4     131    9.5   188.8     198    5.6   200.0
 65    7.6   201.5     132    9.3   188.8
 66    8.0   199.2     133    9.3   189.4
```

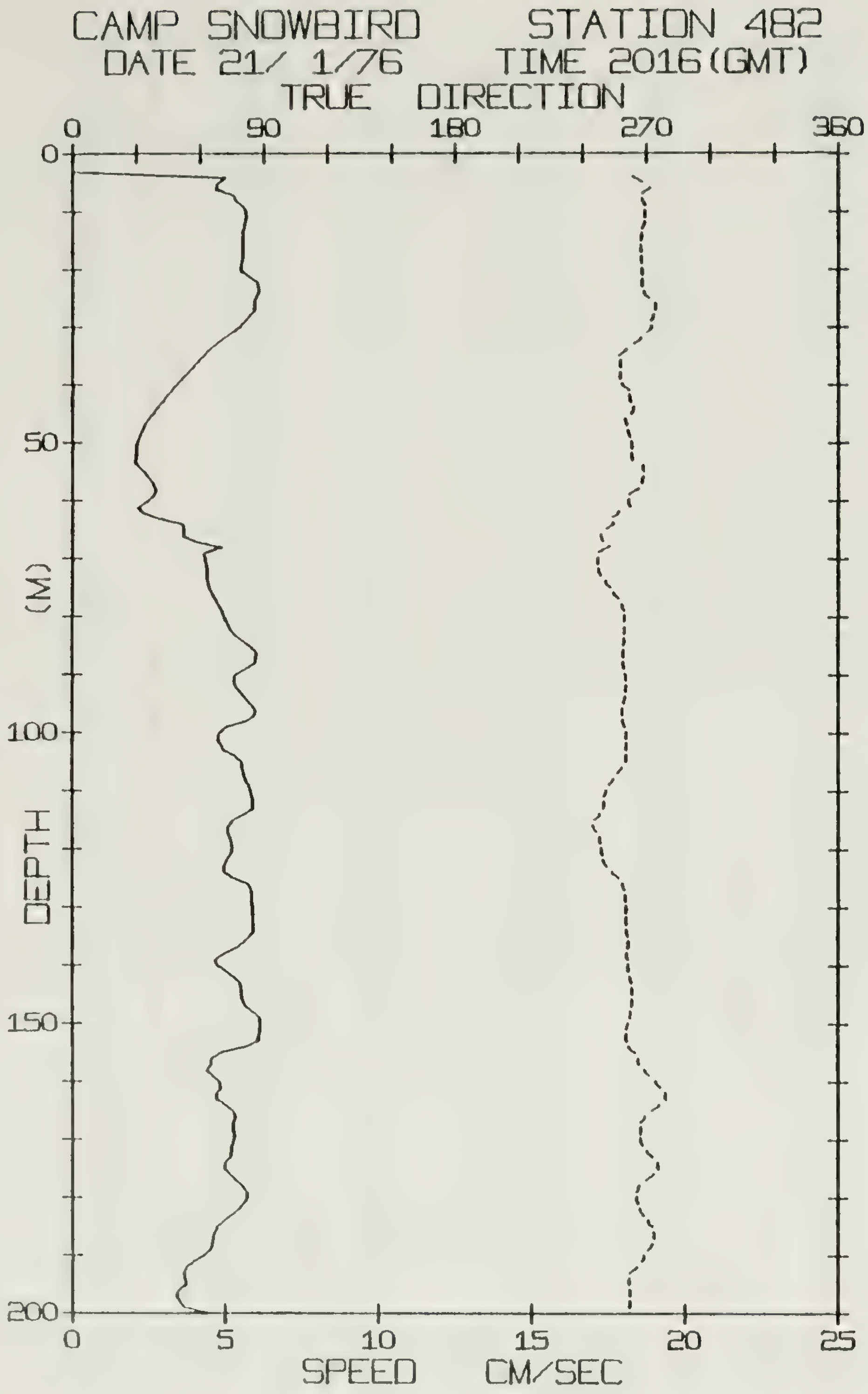
```
SNOWBIRD STATION 472     (199M.)      16/JAN/76       2033 GMT
LAT= 73.9581N  LONG= 145.0440W  LTER=     1.  LGER=      2.
NIVEL=    0.7   EIVEL=    2.2    NVER=     0.  EVER=      0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    3.4   208.7     134    3.5   190.3
  1    0.0   999.9      68    3.3   207.1     135    3.4   191.2
  2    0.0   999.9      69    3.2   206.6     136    3.1   192.4
  3    0.0   999.9      70    3.2   206.6     137    3.2   194.8
  4    0.5   327.1      71    3.3   207.3     138    3.2   194.5
  5    0.5   332.0      72    3.4   207.9     139    3.1   195.1
  6    0.5   328.5      73    3.6   208.6     140    3.1   196.8
  7    0.5   325.4      74    3.6   208.9     141    2.8   198.3
  8    0.6   322.5      75    3.6   208.7     142    2.7   194.6
  9    0.5   317.1      76    3.5   207.6     143    2.6   188.5
 10    0.5   306.6      77    3.6   205.4     144    2.7   184.5
 11    0.5   298.7      78    3.7   201.9     145    2.8   181.9
 12    0.5   299.1      79    3.7   200.0     146    2.9   182.9
 13    0.5   302.3      80    3.6   199.5     147    2.9   184.6
 14    0.5   312.7      81    3.5   198.9     148    2.9   186.4
 15    0.5   325.4      82    3.6   199.2     149    2.8   187.9
 16    0.6   340.1      83    3.7   197.4     150    2.7   190.6
 17    0.7   348.3      84    3.9   196.4     151    2.6   191.8
 18    0.7   350.0      85    4.0   196.6     152    2.6   190.9
 19    0.7   347.0      86    4.1   195.9     153    2.6   188.9
 20    0.7   345.1      87    4.1   194.7     154    2.6   187.5
 21    0.7   344.0      88    4.0   195.1     155    2.7   186.8
 22    0.6   341.8      89    3.8   196.9     156    2.7   186.6
 23    0.5   339.7      90    3.8   197.5     157    2.7   189.0
 24    0.4   337.6      91    3.8   199.0     158    2.6   191.4
 25    0.3   336.4      92    3.8   201.1     159    2.5   193.7
 26    0.3   336.7      93    3.9   203.5     160    2.5   193.0
 27    0.2   336.7      94    4.0   205.1     161    2.6   190.0
 28    0.3   337.0      95    4.1   205.6     162    2.8   187.3
 29    0.2   334.0      96    4.1   205.6     163    2.8   186.3
 30    0.2   323.3      97    4.1   205.4     164    2.8   185.8
 31    0.2   297.4      98    4.1   205.2     165    2.7   184.7
 32    0.2   255.6      99    4.0   205.0     166    2.6   185.5
 33    0.3   228.6     100    4.0   204.8     167    2.4   186.1
 34    0.4   217.1     101    4.0   204.7     168    2.3   188.6
 35    0.6   212.0     102    4.0   204.7     169    2.4   190.0
 36    0.8   210.0     103    4.0   204.9     170    2.4   189.7
 37    1.0   209.5     104    4.0   205.0     171    2.3   187.8
 38    1.3   210.7     105    4.1   205.1     172    2.2   190.6
 39    1.5   212.2     106    4.0   205.0     173    2.2   195.5
 40    1.6   215.6     107    3.8   206.3     174    2.2   199.2
 41    2.0   216.1     108    3.6   207.2     175    2.2   199.0
 42    2.2   221.5     109    3.6   207.8     176    2.1   196.6
 43    2.2   223.7     110    3.7   206.4     177    2.0   193.4
 44    2.0   221.8     111    3.8   202.2     178    1.9   193.5
 45    1.4   214.4     112    3.8   202.2     179    1.9   198.7
 46    1.4   192.6     113    3.6   201.7     180    1.9   203.5
 47    1.4   187.5     114    3.4   201.1     181    1.9   209.2
 48    1.3   184.3     115    3.6   201.5     182    2.1   210.0
 49    1.3   184.0     116    3.5   200.9     183    2.4   207.2
 50    1.6   198.9     117    3.3   198.8     184    2.5   202.1
 51    2.0   210.1     118    3.3   197.6     185    2.4   194.7
 52    2.4   217.6     119    3.4   195.2     186    2.3   189.6
 53    2.9   223.0     120    3.5   194.8     187    2.3   184.5
 54    3.1   225.4     121    3.6   195.1     188    2.2   179.8
 55    3.2   225.9     122    3.6   195.1     189    2.1   176.7
 56    3.3   224.0     123    3.6   195.4     190    2.0   176.6
 57    3.4   211.0     124    3.7   196.2     191    1.8   174.9
 58    3.3   210.8     125    3.7   196.7     192    1.8   171.6
 59    3.2   210.4     126    3.9   197.9     193    1.8   174.6
 60    3.2   210.1     127    3.8   196.2     194    1.6   193.8
 61    3.3   210.6     128    3.5   191.0     195    1.7   213.1
 62    3.3   210.8     129    3.5   186.5     196    1.9   222.3
 63    3.3   210.8     130    3.6   185.8     197    2.2   222.4
 64    3.3   210.7     131    3.7   187.0     198    2.2   216.1
 65    3.3   210.7     132    3.6   186.2     199    2.1   196.2
 66    3.4   210.9     133    3.4   187.8
```

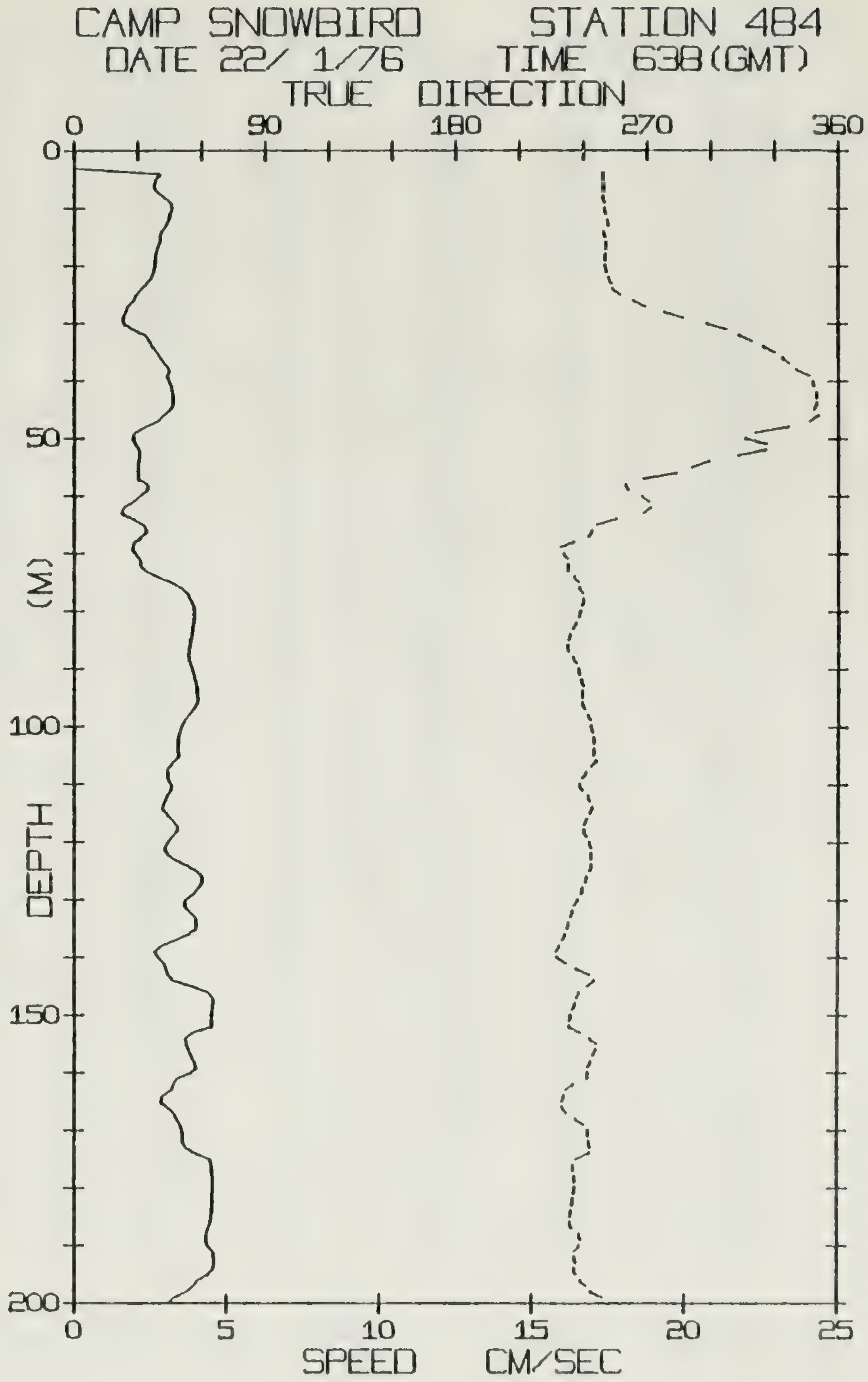

CAMP SNOWBIRD
DATE 19/ 1/76
STATION 478
TIME 2059(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
DATE 17/ 1/76
STATION 473
TIME 627(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 473      (200M.)      17/JAN/76        627 GMT
LAT= 73.9614N  LONG= 145.0464W  LTER=      1.   LGER=       2.
NIVEL=    0.0  EIVEL=   -0.5    NVER=      0    EVER=       0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0.0   999.9       67     4.5   223.3      134     4.3   219.6
  1     0.0   999.9       68     4.7   223.4      135     4.6   219.2
  2     0.0   999.9       69     4.5   223.9      136     4.8   216.4
  3     0.0   999.9       70     4.4   224.4      137     4.9   216.5
  4     0.6   216.6       71     4.2   224.8      138     4.9   218.3
  5     0.6   225.0       72     4.4   225.3      139     5.0   219.1
  6     0.5   225.8       73     4.9   225.5      140     4.9   219.1
  7     0.5   225.5       74     5.2   225.7      141     4.8   219.2
  8     0.5   226.1       75     5.3   224.7      142     4.8   220.4
  9     0.8   198.9       76     5.1   223.6      143     5.0   221.2
 10     1.0   193.3       77     4.9   222.7      144     5.3   221.1
 11     1.1   190.9       78     4.9   222.8      145     5.5   221.0
 12     1.1   190.3       79     4.8   223.1      146     5.5   221.2
 13     1.1   190.1       80     4.8   222.2      147     5.3   221.6
 14     1.1   189.2       81     4.9   221.3      148     5.0   223.1
 15     1.2   190.1       82     5.1   221.0      149     5.0   223.7
 16     1.3   187.9       83     5.2   219.9      150     4.9   222.8
 17     1.3   186.4       84     5.1   217.0      151     4.7   221.7
 18     1.3   186.5       85     5.0   216.3      152     4.6   222.0
 19     1.3   186.3       86     4.8   216.9      153     4.5   222.1
 20     1.3   185.8       87     4.7   217.7      154     4.4   222.2
 21     1.3   187.1       88     4.9   218.6      155     4.3   220.5
 22     1.3   189.7       89     5.2   218.7      156     4.2   220.0
 23     1.3   193.1       90     5.1   217.5      157     4.3   220.2
 24     1.3   194.5       91     4.9   214.7      158     4.2   220.4
 25     1.3   195.3       92     4.7   211.0      159     4.2   220.2
 26     1.3   196.3       93     4.5   207.9      160     4.2   220.0
 27     1.3   200.2       94     4.6   207.7      161     4.4   219.1
 28     1.4   206.3       95     4.8   208.9      162     4.2   217.0
 29     1.6   213.5       96     4.9   210.7      163     3.9   215.8
 30     1.9   224.8       97     5.2   213.3      164     3.7   216.1
 31     2.2   239.4       98     5.4   214.3      165     3.5   216.3
 32     2.9   247.3       99     5.4   214.3      166     3.4   216.3
 33     3.1   247.6      100     5.3   214.3      167     3.4   216.5
 34     3.2   245.2      101     5.2   214.4      168     3.3   217.0
 35     3.4   240.3      102     5.1   214.4      169     3.2   217.6
 36     3.8   232.1      103     5.2   214.4      170     3.0   218.8
 37     3.8   227.1      104     5.2   215.5      171     2.8   221.1
 38     3.6   225.2      105     5.3   216.1      172     2.7   221.9
 39     3.3   222.4      106     5.2   216.2      173     2.8   222.9
 40     2.9   221.3      107     5.0   215.3      174     2.9   225.4
 41     2.6   222.5      108     4.8   215.2      175     3.1   227.4
 42     2.6   224.6      109     4.7   212.8      176     3.0   228.5
 43     2.7   226.2      110     4.7   211.5      177     2.9   228.0
 44     2.9   227.0      111     4.8   212.6      178     2.8   226.9
 45     3.0   226.9      112     5.0   215.9      179     2.8   225.7
 46     2.8   224.9      113     5.4   215.5      180     2.9   226.2
 47     2.7   223.3      114     5.7   217.1      181     2.9   227.2
 48     2.5   223.0      115     5.7   219.4      182     3.0   227.3
 49     2.4   224.6      116     5.6   222.0      183     3.0   229.1
 50     2.6   225.7      117     5.7   222.2      184     3.0   230.3
 51     2.8   226.0      118     5.6   222.3      185     3.0   230.3
 52     2.9   225.8      119     5.5   223.9      186     3.0   227.8
 53     3.0   225.6      120     5.3   224.7      187     2.8   224.4
 54     3.0   225.5      121     5.2   224.9      188     2.7   220.6
 55     3.5   223.8      122     5.2   224.8      189     2.7   216.9
 56     3.9   222.8      123     5.3   224.8      190     2.8   216.0
 57     4.1   222.6      124     5.3   222.9      191     2.7   219.2
 58     4.3   223.7      125     5.1   222.0      192     2.7   222.5
 59     4.2   224.9      126     4.9   222.2      193     2.7   224.6
 60     4.1   224.9      127     4.6   222.5      194     2.7   226.1
 61     4.1   224.8      128     4.3   223.0      195     2.8   226.8
 62     4.1   224.4      129     4.3   222.8      196     2.8   227.1
 63     4.1   224.1      130     4.3   221.0      197     2.9   226.6
 64     4.0   224.4      131     4.4   220.8      198     2.9   224.9
 65     4.0   224.1      132     4.4   220.6      199     2.9   221.8
 66     4.2   223.8      133     4.2   220.2      200     2.8   218.8
```

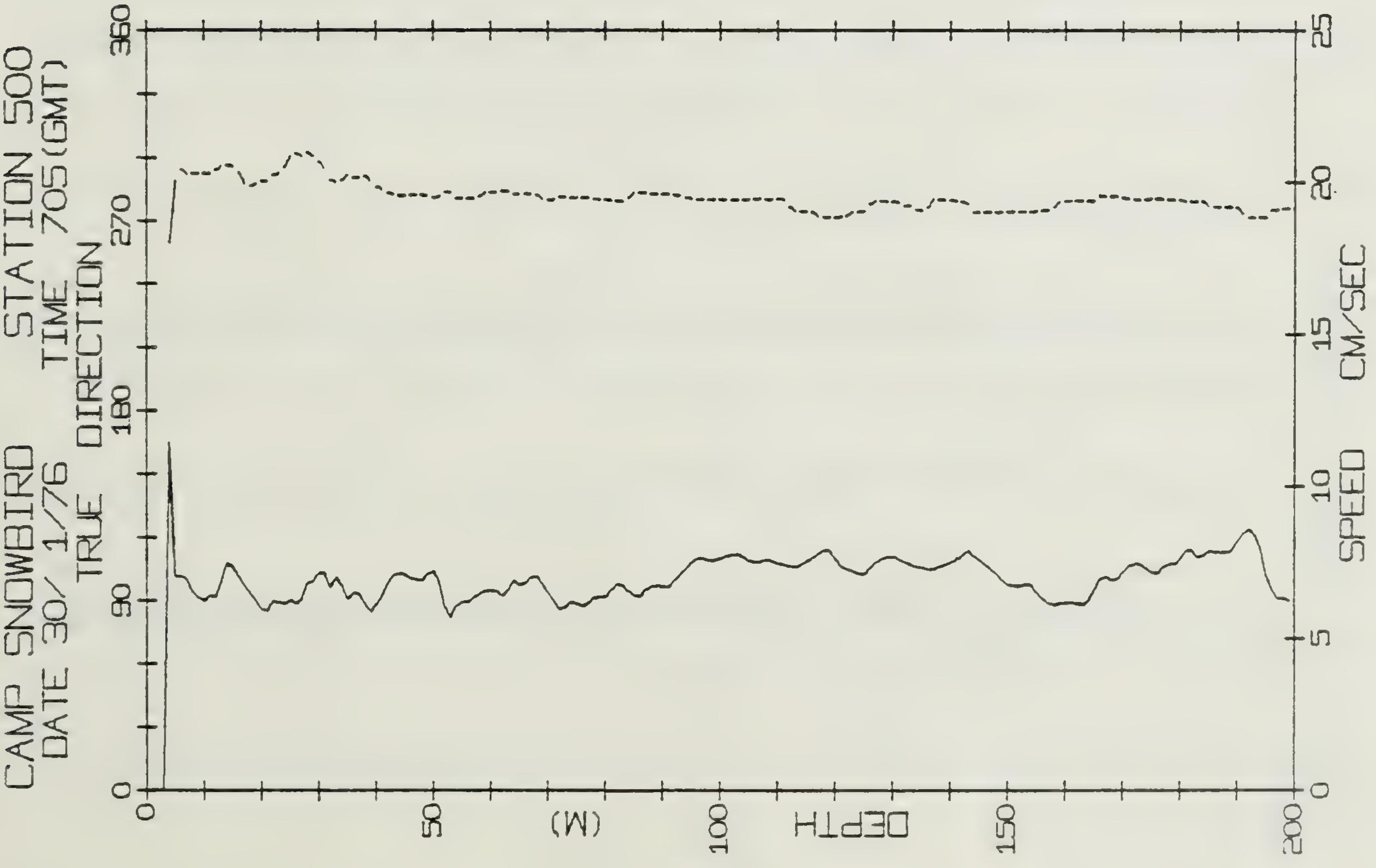
```
SNOWBIRD STATION 478      (200M.)      19/JAN/76       2059 GMT
LAT= 73.9382N  LONG= 144.9971W  LTER=      1.   LGER=       2.
NIVEL=   -1.8  EIVEL=    6.9    NVER=      0.   EVER=       0.

DPT     SPD    DRN       DPT     SPD    DRN       DPT     SPD    DRN
  0     0.0   999.9       67     1.1   107.9      134     0.7   142.6
  1     0.0   999.9       68     1.1   107.2      135     0.6   157.7
  2     0.0   999.9       69     0.9   111.4      136     0.5   178.3
  3     0.0   999.9       70     0.8   132.6      137     0.6   183.4
  4     2.9    94.0       71     1.0   154.8      138     1.1   191.6
  5     2.4    95.4       72     1.0   157.1      139     1.2   204.6
  6     2.4   120.8       73     1.3   161.2      140     1.3   216.7
  7     2.4   129.9       74     1.7   158.0      141     1.3   215.1
  8     2.4   128.5       75     1.8   149.9      142     1.2   199.8
  9     2.3   124.2       76     2.0   143.2      143     1.2   178.6
 10     2.1   122.0       77     2.0   141.0      144     1.5   170.3
 11     2.0   123.6       78     2.0   142.9      145     1.6   166.7
 12     1.9   120.0       79     2.0   143.3      146     1.5   169.1
 13     1.8   108.0       80     2.0   140.4      147     1.5   170.8
 14     1.9   104.0       81     2.1   136.5      148     1.5   170.3
 15     2.0   102.1       82     1.9   132.1      149     1.6   168.5
 16     2.0   101.3       83     1.7   129.6      150     1.6   166.0
 17     1.9    98.1       84     1.5   130.5      151     1.6   161.0
 18     1.6    93.3       85     1.4   133.1      152     1.6   161.8
 19     1.5    91.1       86     1.3   129.8      153     1.6   166.8
 20     1.5    90.7       87     1.3   122.0      154     1.5   168.9
 21     1.5    91.0       88     1.3   118.1      155     1.6   168.4
 22     1.5    91.1       89     1.3   116.2      156     1.9   168.9
 23     1.5    91.1       90     1.2   122.7      157     2.0   166.5
 24     1.4    90.8       91     1.2   128.9      158     2.0   163.9
 25     1.3    86.3       92     1.2   128.5      159     1.9   160.6
 26     1.1    77.7       93     1.2   127.6      160     1.7   155.9
 27     1.1    65.2       94     1.3   128.9      161     1.5   152.7
 28     1.0    62.4       95     1.3   131.4      162     1.7   154.7
 29     1.1    65.2       96     1.4   133.8      163     1.8   152.5
 30     1.1    69.0       97     1.5   132.7      164     1.8   149.8
 31     1.0    63.9       98     1.5   131.9      165     1.8   149.4
 32     0.9    50.0       99     1.5   132.3      166     1.8   151.0
 33     0.9    51.8      100     1.4   134.8      167     1.8   151.2
 34     0.9    53.5      101     1.1   136.3      168     1.7   143.7
 35     0.9    55.7      102     0.7   133.4      169     1.5   134.7
 36     1.1    60.4      103     0.8   129.5      170     1.6   132.1
 37     1.3    58.5      104     0.9   137.2      171     1.7   130.6
 38     2.0    85.9      105     1.0   147.7      172     1.7   131.0
 39     2.4    89.4      106     1.0   153.2      173     1.9   133.7
 40     2.4    89.5      107     1.2   163.8      174     1.9   134.2
 41     2.3    88.9      108     1.3   174.8      175     1.9   144.8
 42     2.0    84.3      109     1.3   185.6      176     2.0   145.1
 43     1.5    75.5      110     1.3   190.6      177     2.2   145.4
 44     1.3    67.9      111     1.4   187.1      178     2.3   144.3
 45     1.6    76.6      112     1.5   182.9      179     2.2   146.8
 46     1.9    82.9      113     1.5   179.3      180     2.3   148.6
 47     2.1    83.5      114     1.7   176.1      181     2.5   142.9
 48     1.9    76.0      115     1.8   174.2      182     2.7   138.2
 49     1.7    70.4      116     1.8   177.6      183     2.6   137.3
 50     1.8    76.1      117     1.6   178.0      184     2.6   136.5
 51     2.1    91.5      118     1.5   174.7      185     2.5   133.8
 52     2.5    96.3      119     1.5   170.6      186     2.4   127.6
 53     2.2    95.5      120     1.5   167.4      187     2.0   121.1
 54     1.7    91.1      121     1.5   164.7      188     2.0   116.6
 55     1.3    85.3      122     1.4   166.2      189     2.1   113.1
 56     1.0    77.7      123     1.3   162.7      190     1.8   113.7
 57     0.8    88.8      124     1.4   153.0      191     1.7   120.4
 58     0.9   108.1      125     1.3   133.0      192     1.4   138.3
 59     1.1   107.9      126     1.5   125.2      193     1.2   165.1
 60     1.2   107.5      127     1.4   125.6      194     1.5   178.2
 61     1.4   107.6      128     1.2   127.2      195     1.9   175.5
 62     1.4   107.7      129     1.2   127.1      196     1.9   168.1
 63     1.3   108.3      130     1.1   127.3      197     2.3   163.9
 64     1.2   108.9      131     1.1   128.9      198     2.6   161.1
 65     1.1   109.5      132     1.0   130.4      199     2.8   163.4
 66     1.1   108.7      133     0.9   135.2      200     2.8   163.4
```

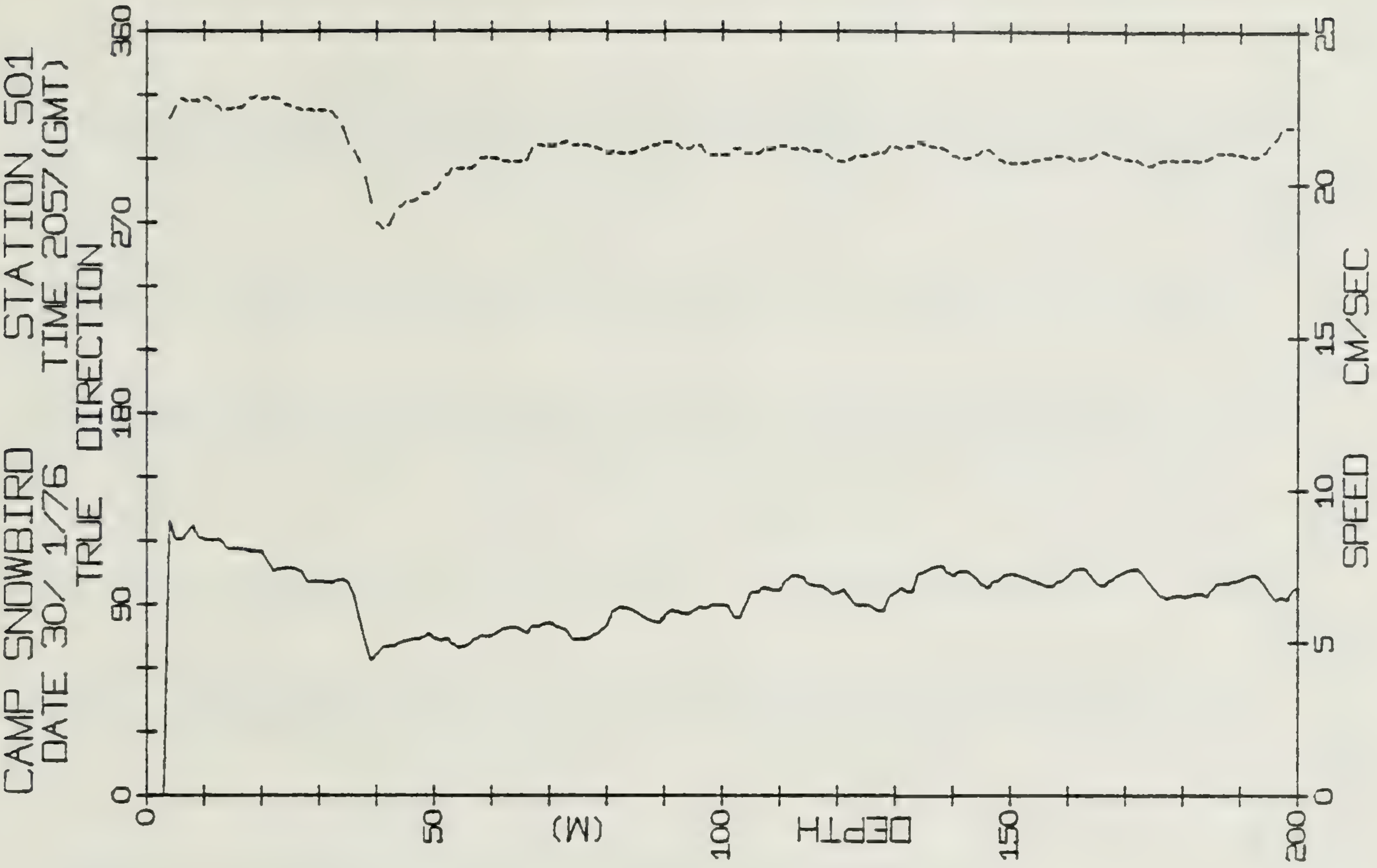

CAMP SNOWBIRD STATION 482
DATE 21/ 1/76 TIME 2016(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 484
DATE 22/ 1/76 TIME 638(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 482     (200M.)     21/JAN/76      2016 GMT
LAT= 73.9242N  LONG= 144.9469W  LTER=     1.  LGER=     2.
NIVEL=  -1.8   EIVEL=  -8.0     NVER=     0.  EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   4.0  249.5      134   5.9  260.6
  1   0.0  999.9       68   4.9  252.2      135   5.8  261.1
  2   0.0  999.9       69   4.3  247.3      136   5.6  261.7
  3   0.0  999.9       70   4.4  247.2      137   5.4  261.0
  4   5.0  263.8       71   4.4  247.2      138   5.0  260.4
  5   4.7  268.0       72   4.4  247.6      139   4.7  261.2
  6   4.7  271.1       73   4.4  248.5      140   4.8  261.5
  7   5.3  268.0       74   4.4  250.7      141   5.0  261.7
  8   5.4  268.3       75   4.5  252.8      142   5.3  262.6
  9   5.6  269.2       76   4.6  254.5      143   5.5  263.2
 10   5.7  269.0       77   4.7  256.7      144   5.5  263.5
 11   5.7  269.2       78   4.8  258.4      145   5.6  263.5
 12   5.6  268.9       79   4.9  259.5      146   5.6  263.4
 13   5.6  267.7       80   5.0  259.7      147   5.7  263.1
 14   5.6  267.5       81   5.1  259.6      148   5.9  262.5
 15   5.6  267.4       82   5.2  259.6      149   6.1  261.9
 16   5.6  267.4       83   5.3  259.4      150   6.1  261.0
 17   5.6  267.4       84   5.6  259.1      151   6.1  260.2
 18   5.6  267.6       85   5.8  258.9      152   6.1  260.4
 19   5.5  268.0       86   6.0  258.8      153   6.1  260.6
 20   5.5  268.1       87   6.0  258.9      154   5.7  261.8
 21   5.8  268.2       88   6.0  258.9      155   4.9  264.7
 22   6.0  267.8       89   5.7  259.5      156   4.6  266.1
 23   6.1  268.1       90   5.3  260.1      157   4.5  266.6
 24   6.1  268.8       91   5.3  260.2      158   4.4  269.2
 25   6.0  271.0       92   5.4  260.1      159   4.6  271.6
 26   5.9  274.0       93   5.5  259.8      160   4.8  274.4
 27   6.0  274.6       94   5.7  259.5      161   4.9  276.2
 28   5.8  273.4       95   5.8  258.9      162   4.7  278.7
 29   5.6  272.0       96   6.0  258.4      163   4.7  279.3
 30   5.5  272.5       97   5.9  258.5      164   5.0  276.0
 31   5.2  270.4       98   5.7  258.8      165   5.2  272.8
 32   4.9  267.6       99   5.0  259.7      166   5.4  269.3
 33   4.7  264.1      100   4.8  260.3      167   5.3  267.6
 34   4.4  260.3      101   4.8  260.4      168   5.3  267.4
 35   4.3  257.1      102   4.9  260.4      169   5.3  267.0
 36   4.1  257.6      103   5.0  260.3      170   5.3  267.3
 37   3.9  257.5      104   5.3  260.1      171   5.2  268.3
 38   3.7  257.5      105   5.5  260.0      172   5.2  270.3
 39   3.6  257.4      106   5.6  258.4      173   5.2  272.6
 40   3.4  258.6      107   5.6  256.4      174   5.0  275.1
 41   3.2  261.6      108   5.7  254.2      175   5.0  275.6
 42   3.1  262.4      109   5.8  252.1      176   5.2  273.3
 43   2.9  263.1      110   5.9  250.9      177   5.4  269.7
 44   2.8  264.0      111   5.9  249.8      178   5.6  266.6
 45   2.6  263.0      112   5.9  249.9      179   5.7  265.5
 46   2.5  260.2      113   5.9  249.9      180   5.7  265.6
 47   2.3  260.8      114   5.6  248.2      181   5.6  266.2
 48   2.2  261.4      115   5.3  245.6      182   5.4  267.2
 49   2.2  262.6      116   5.1  244.7      183   5.2  268.7
 50   2.1  263.2      117   5.1  246.5      184   5.0  270.6
 51   2.1  263.3      118   5.2  248.1      185   4.7  272.7
 52   2.1  263.3      119   5.2  248.4      186   4.6  273.5
 53   2.0  263.6      120   5.2  249.1      187   4.6  273.9
 54   2.2  268.4      121   5.2  249.4      188   4.6  272.7
 55   2.4  269.0      122   5.0  250.0      189   4.5  270.9
 56   2.5  268.4      123   5.0  251.3      190   4.3  269.1
 57   2.7  267.8      124   5.0  253.8      191   4.0  267.8
 58   2.7  266.1      125   5.3  256.9      192   3.7  265.7
 59   2.7  262.0      126   5.8  258.6      193   3.6  262.1
 60   2.5  261.3      127   5.9  259.6      194   3.7  261.7
 61   2.2  262.4      128   5.9  260.1      195   3.8  261.7
 62   2.3  256.9      129   5.9  260.2      196   3.5  262.2
 63   2.8  254.0      130   5.9  260.2      197   3.4  262.3
 64   3.6  254.2      131   5.9  260.3      198   3.5  262.1
 65   3.7  251.0      132   5.9  260.4      199   3.7  261.9
 66   3.6  248.5      133   5.9  260.5      200   4.5  277.2
```

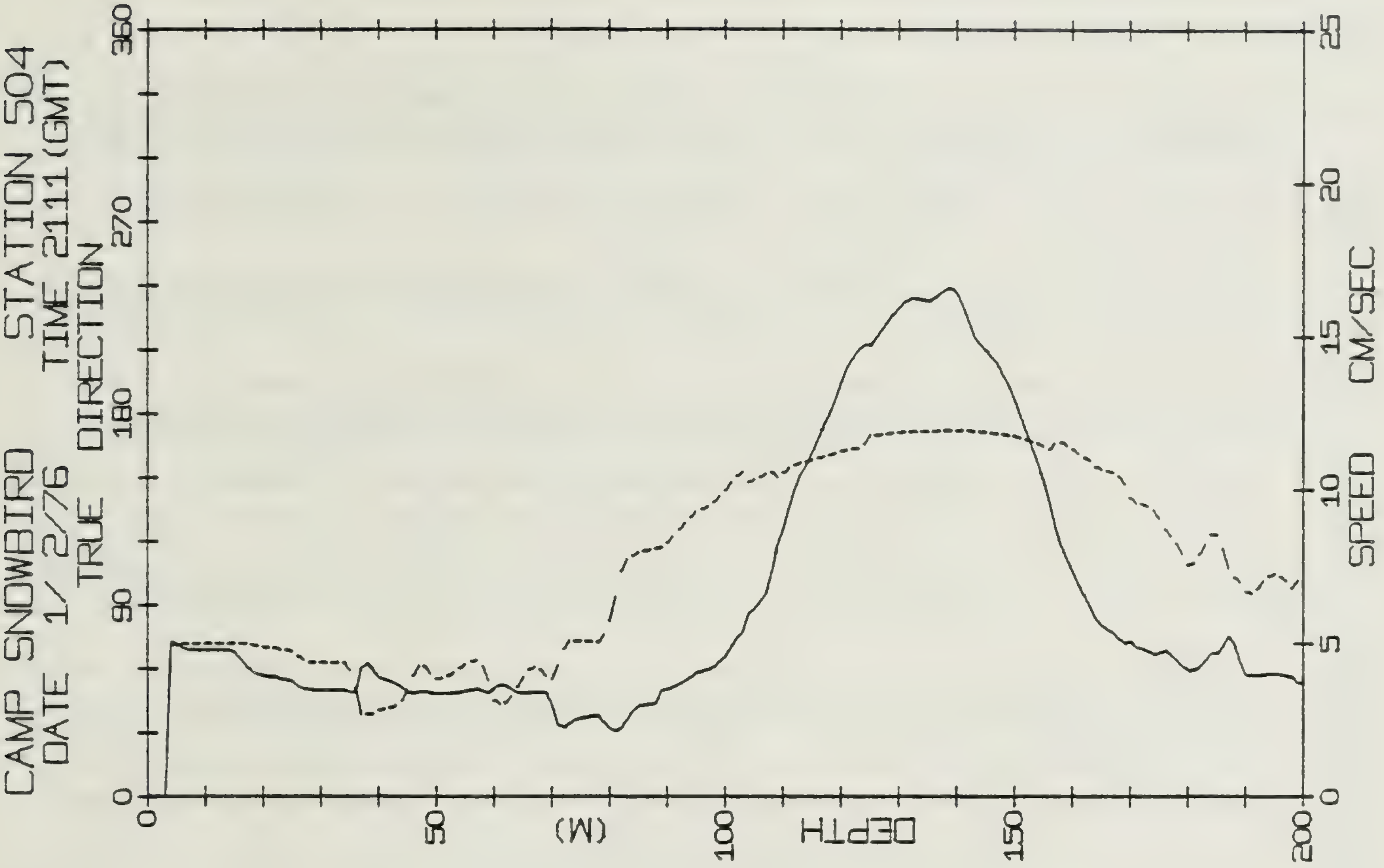
```
SNOWBIRD STATION 484     (200M.)     22/JAN/76       638 GMT
LAT= 73.9129N  LONG= 145.0260W  LTER=     0.  LGER=     0.
NIVEL=  -4.0   EIVEL=  -4.7     NVER=     0.  EVER=     0.

DPT   SPD   DRN       DPT   SPD   DRN       DPT   SPD   DRN
  0   0.0  999.9       67   2.2  242.5      134   4.0  233.0
  1   0.0  999.9       68   2.0  235.6      135   4.0  232.5
  2   0.0  999.9       69   1.9  228.7      136   3.8  231.3
  3   0.0  999.9       70   2.0  230.6      137   3.3  229.9
  4   2.8  249.2       71   2.2  232.8      138   2.9  228.5
  5   2.7  249.1       72   2.2  233.0      139   2.6  227.1
  6   2.6  249.2       73   2.4  233.0      140   2.8  227.6
  7   2.7  249.1       74   2.7  235.9      141   3.0  231.5
  8   3.0  249.1       75   3.2  237.8      142   3.0  236.7
  9   3.2  249.9       76   3.6  238.5      143   3.1  243.1
 10   3.2  249.9       77   3.7  240.2      144   3.3  245.1
 11   3.1  250.6       78   3.9  240.2      145   3.9  242.0
 12   3.1  251.5       79   3.9  239.3      146   4.4  238.0
 13   3.0  251.7       80   4.0  238.7      147   4.6  236.7
 14   2.8  249.7       81   3.9  237.8      148   4.5  236.2
 15   2.8  250.1       82   3.9  236.7      149   4.5  235.0
 16   2.8  250.6       83   3.9  235.2      150   4.5  234.0
 17   2.7  250.6       84   3.9  233.8      151   4.5  233.4
 18   2.6  250.1       85   3.8  233.1      152   4.5  233.6
 19   2.6  249.9       86   3.8  232.7      153   3.9  238.4
 20   2.6  250.3       87   3.8  233.4      154   3.7  243.2
 21   2.6  250.9       88   3.8  235.3      155   3.7  246.2
 22   2.5  252.1       89   3.8  236.9      156   3.8  245.7
 23   2.4  253.2       90   3.9  238.0      157   3.9  244.6
 24   2.2  254.0       91   3.9  238.5      158   4.0  243.6
 25   2.0  257.3       92   4.0  239.4      159   4.0  242.3
 26   1.9  263.5       93   4.1  240.3      160   3.8  242.0
 27   1.7  269.1       94   4.1  239.6      161   3.4  241.9
 28   1.7  278.1       95   4.1  239.6      162   3.2  235.5
 29   1.6  287.2       96   4.0  239.9      163   3.2  232.1
 30   1.6  298.0       97   3.9  241.0      164   2.9  230.8
 31   1.9  307.3       98   3.8  242.4      165   2.8  230.0
 32   2.3  313.2       99   3.6  243.9      166   3.1  230.4
 33   2.5  319.3      100   3.5  244.2      167   3.3  232.1
 34   2.6  325.0      101   3.5  244.6      168   3.4  236.5
 35   2.7  329.8      102   3.4  245.2      169   3.5  240.5
 36   2.9  334.0      103   3.4  245.2      170   3.6  242.3
 37   3.0  337.4      104   3.4  245.3      171   3.6  242.5
 38   3.1  340.2      105   3.5  244.7      172   3.6  243.3
 39   3.0  346.3      106   3.3  246.0      173   3.7  243.6
 40   3.1  348.1      107   3.1  243.7      174   4.0  242.7
 41   3.2  349.3      108   3.1  241.4      175   4.5  237.0
 42   3.3  350.0      109   3.1  239.4      176   4.5  235.5
 43   3.3  350.1      110   3.2  238.3      177   4.5  235.7
 44   3.2  349.8      111   3.2  239.7      178   4.5  236.3
 45   3.1  348.4      112   3.0  242.4      179   4.5  236.3
 46   2.9  350.9      113   3.0  243.5      180   4.5  236.2
 47   2.7  347.0      114   2.9  244.3      181   4.5  235.5
 48   2.3  336.5      115   3.0  243.1      182   4.5  235.3
 49   2.0  320.7      116   3.2  241.6      183   4.5  234.9
 50   1.9  316.5      117   3.4  240.4      184   4.5  234.4
 51   2.0  326.6      118   3.4  240.4      185   4.5  233.8
 52   2.2  325.8      119   3.2  241.7      186   4.5  233.8
 53   2.1  312.6      120   3.1  243.0      187   4.4  235.4
 54   2.1  299.1      121   3.0  243.9      188   4.3  238.2
 55   2.1  291.1      122   3.1  243.7      189   4.3  239.3
 56   2.1  283.7      123   3.3  243.9      190   4.4  238.2
 57   2.1  268.5      124   3.7  244.1      191   4.6  236.3
 58   2.4  260.1      125   4.0  242.8      192   4.6  236.3
 59   2.4  261.5      126   4.2  241.6      193   4.6  236.9
 60   2.1  267.7      127   4.2  240.9      194   4.5  236.1
 61   1.9  271.0      128   4.1  239.7      195   4.4  236.8
 62   1.6  271.9      129   3.9  239.0      196   4.1  239.0
 63   1.5  268.2      130   3.7  237.4      197   3.9  241.7
 64   1.9  255.4      131   3.6  235.8      198   3.7  243.8
 65   2.3  246.3      132   3.8  234.8      199   3.3  249.0
 66   2.4  244.1      133   4.0  234.1      200   3.1  253.8
```

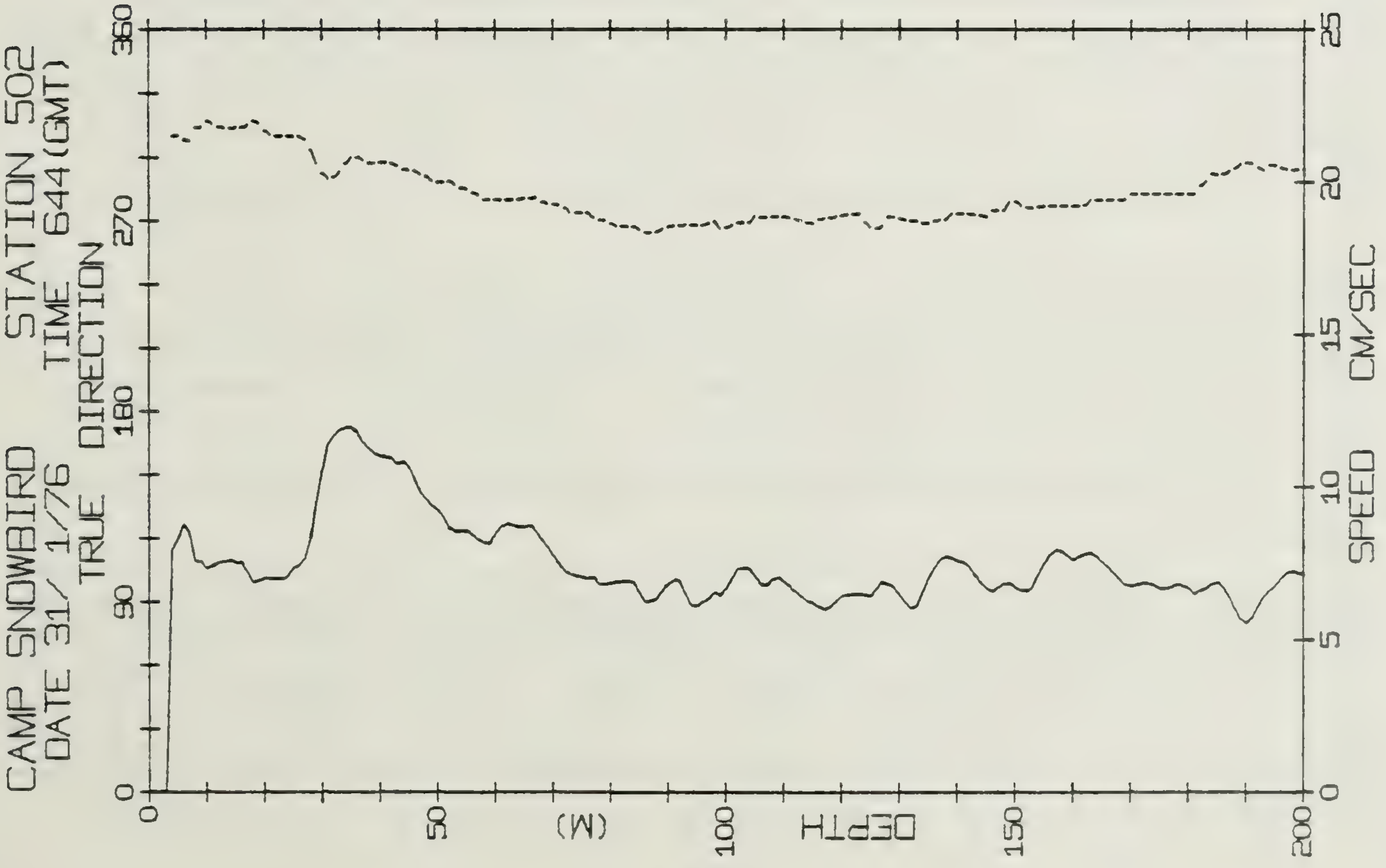

CAMP SNOWBIRD STATION 500
DATE 30/ 1/76 TIME 705(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 501
DATE 30/ 1/76 TIME 2057(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 500     (199M.)      30/JAN/76       705 GMT
LAT= 73.8623N  LONG= 145.1981W  LTER=     1.  LGER=      2.
NIVEL=    0.2   EIVEL= -15.1     NVER=     0.  EVER=      0.

DPT     SPD    DRN       DPT     SPD    DRN        DPT     SPD    DRN
  0     0.0   999.9       67     7.0   282.1       134     7.3   275.0
  1     0 0   999.9       68     7.0   281.9       135     7.3   274.8
  2     0 0   999.9       69     6.8   280.1       136     7.3   276.2
  3     0.0   999.9       70     6.5   279.6       137     7.3   280.1
  4    11.5   259.6       71     6.2   280.3       138     7.4   279.9
  5     7.0   288.8       72     6.0   281.2       139     7.4   279.7
  6     7.0   293.9       73     6.0   281.2       140     7.5   279.4
  7     6.9   291.8       74     6.2   280.8       141     7.6   279.2
  8     6.5   292.2       75     6.1   280.9       142     7.7   278.8
  9     6.3   292.1       76     6.1   280.9       143     7.9   277.9
 10     6.2   292.3       77     6.2   280.6       144     7.7   274.0
 11     6.4   292.1       78     6.3   280.1       145     7.6   274.0
 12     6.3   293.9       79     6.4   279.9       146     7.4   274.0
 13     6.8   296.1       80     6.4   279 8       147     7.3   274.1
 14     7.5   296.0       81     6.6   279.3       148     7.1   274.2
 15     7.3   295.6       82     6.8   278.9       149     6.9   274.3
 16     7.0   292.8       83     6.7   278.9       150     6.7   274.5
 17     6.7   287.9       84     6.5   280.8       151     6.7   274.5
 18     6.5   286.4       85     6.4   283.3       152     6.7   274.5
 19     6.2   287.4       86     6.4   283.4       153     6.8   274.5
 20     6.0   288.6       87     6.6   282.8       154     6.7   274.4
 21     5.9   288.7       88     6.7   282.3       155     6.5   274.7
 22     6.2   291.5       89     6.7   282.3       156     6.3   275.0
 23     6.1   292.6       90     6.7   282.5       157     6.2   275.3
 24     6.1   295.1       91     6.7   282.4       158     6.1   276.4
 25     6.2   300.7       92     6.9   281.8       159     6.2   279.2
 26     6.1   301.7       93     7.1   281.4       160     6.2   279.2
 27     6 3   300.5       94     7.3   280.7       161     6.2   279.3
 28     6.8   302.2       95     7.5   280.2       162     6.1   279.5
 29     6.9   300.5       96     7.6   279.9       163     6.1   279.5
 30     7.1   297.8       97     7.6   279.9       164     6.2   279.2
 31     7.1   294.9       98     7.6   280.1       165     6.6   279.1
 32     6.7   289.2       99     7.6   280.1       166     6.9   281.4
 33     7 0   287.8      100     7.6   279.9       167     7.0   281.2
 34     6.7   289.0      101     7.7   279.8       168     6.9   281.4
 35     6.3   291.6      102     7.8   279.6       169     7.0   281.3
 36     6.5   290.3      103     7.8   279.6       170     7.2   280.7
 37     6.5   290.2      104     7.7   279 9       171     7.4   280.1
 38     6.2   291.1      105     7.6   280.2       172     7.4   279.8
 39     5.9   288.4      106     7.5   280.2       173     7.4   279.8
 40     6.1   286.0      107     7.6   280.1       174     7.3   280.1
 41     6.4   284.6      108     7.6   279.9       175     7.2   280.5
 42     6.8   283.1      109     7.5   280.2       176     7.1   280.6
 43     7.1   282.0      110     7.5   280.3       177     7.3   280.0
 44     7.1   281.8      111     7.4   279.6       178     7.5   279.8
 45     7.1   282.0      112     7.4   276.6       179     7.4   279.8
 46     6.9   282.2      113     7.3   274.6       180     7.6   279.4
 47     6.9   282.1      114     7.4   274.2       181     7.9   278.8
 48     6.9   282.1      115     7.5   274.0       182     7.9   278.8
 49     7.1   281.3      116     7.7   273.7       183     7.7   279.2
 50     7.2   280.9      117     7.8   272 0       184     7.7   279.1
 51     6.9   281.7      118     7.9   271.4       185     7.9   276.5
 52     6.0   283.5      119     7.9   271.4       186     7.8   276.3
 53     5 7   282.9      120     7.6   271.5       187     7 8   276.4
 54     6.1   280.5      121     7.4   271.9       188     7.8   276.5
 55     6.2   280.4      122     7.3   272.6       189     7.9   276.3
 56     6.2   280.7      123     7.2   274.3       190     8.2   275.9
 57     6.3   280.8      124     7.1   274.6       191     8.4   273.2
 58     6.4   281.7      125     7.1   274.7       192     8.6   271.3
 59     6 6   283.5      126     7.3   278.0       193     8.4   271.4
 60     6.6   283.6      127     7.5   279.4       194     8 0   271.5
 61     6 5   283.7      128     7.6   279 2       195     7.1   271.5
 62     6.4   284.1      129     7.7   279.1       196     6.6   274.6
 63     6.6   283.5      130     7.7   279.1       197     6.3   275.3
 64     6.9   282.5      131     7.6   278.4       198     6.3   275.5
 65     6 8   282.8      132     7.5   276.9       199     6.2   275.8
 66     6.8   282.7      133     7.4   276.7
```

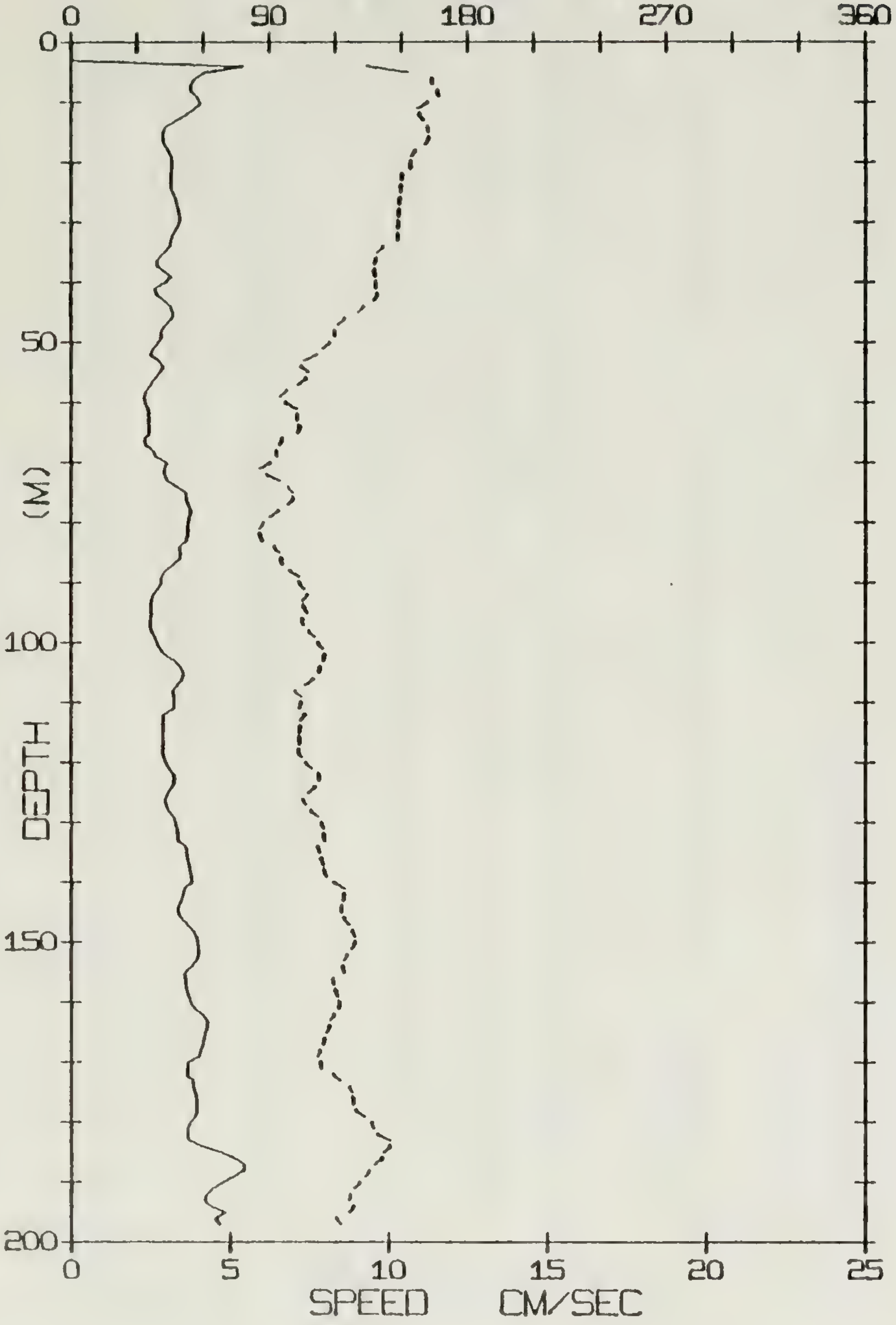
```
SNOWBIRD STATION 501     (200M.)      30/JAN/76      2057 GMT
LAT= 73.8676N  LONG= 145.4617W  LTER=     1.  LGER=      1.
NIVEL=    2.5   EIVEL= -12.0     NVER=     0.  EVER=      0.

DPT     SPD    DRN       DPT     SPD    DRN        DPT     SPD    DRN
  0     0.0   999 9       67     5.6   305.1       134     7 3   308.0
  1     0.0   999.9       68     5.5   306.5       135     7.4   307.0
  2     0.0   999.9       69     5.6   305.8       136     7.5   305.9
  3     0.0   999.9       70     5.7   305.7       137     7 5   305.3
  4     9.0   319.0       71     5.5   306.7       138     7.5   305.2
  5     8.4   324.3       72     5.5   307.7       139     7.3   303.7
  6     8.4   328.0       73     5.4   308.5       140     7.2   301.6
  7     8.6   326.9       74     5 1   306.4       141     7 3   300.7
  8     8.8   327.7       75     5.1   306.5       142     7.4   300.4
  9     8.5   327 0       76     5.1   306.4       143     7.3   301.1
 10     8.4   328.8       77     5.2   305.8       144     7.1   302.1
 11     8.4   327.3       78     5.3   305.0       145     6.9   303.9
 12     8.4   324.8       79     5.4   303.9       146     6.8   304.6
 13     8.3   322.8       80     5 6   302.5       147     7.0   302.9
 14     8.1   323.3       81     6.0   303.6       148     7.1   300.2
 15     8.1   324.3       82     6.2   302.6       149     7.3   298.5
 16     8.1   324.1       83     6.1   302.6       150     7.3   298.1
 17     8.0   325.5       84     6.1   302.9       151     7.2   298.4
 18     8.0   328.5       85     6.0   303.5       152     7.2   298.8
 19     8.0   329.9       86     5.9   304.4       153     7.1   299.1
 20     8.0   328.3       87     5.8   305.6       154     7.0   299.6
 21     7.7   328.9       88     5.7   306.5       155     6.9   300.2
 22     7.4   328.6       89     5.7   307.1       156     6.9   300.8
 23     7.4   328.0       90     5.9   308.0       157     6.8   301.0
 24     7.5   325.6       91     6.1   307.7       158     7.0   301.9
 25     7.4   324.7       92     6.0   306.7       159     7.1   302 2
 26     7.4   323.8       93     5 9   304.6       160     7.2   301.0
 27     7.3   322.8       94     5.9   304.7       161     7.4   299.7
 28     7.0   323.3       95     6.1   306.1       162     7.4   300.4
 29     7.0   322.5       96     6.2   306.4       163     7.4   301.1
 30     7.0   323.0       97     6.1   303.0       164     7.2   301.3
 31     7.0   322.6       98     6.2   301.9       165     6.9   302.9
 32     6.9   322.1       99     6.3   301.7       166     6.8   303.8
 33     7.0   318.8      100     6.2   301.8       167     7.0   302.5
 34     7.1   315.0      101     6.2   302.2       168     7.1   301.6
 35     6.9   307.3      102     5.9   304.7       169     7.3   300.7
 36     6.6   303.5      103     5.8   305.0       170     7.4   300.0
 37     5.8   298.7      104     6.2   302.6       171     7.4   299.6
 38     5.0   291.0      105     6.7   302.3       172     7.4   299.4
 39     4.4   279.0      106     6.7   302.4       173     7.3   297.9
 40     4.6   269.8      107     6.8   304.4       174     7.0   296.9
 41     4.9   267.4      108     6.8   304.9       175     6.8   298.2
 42     4.9   269.0      109     6.7   305.6       176     6.6   299.5
 43     4.9   274.0      110     6.7   306.3       177     6.5   300.0
 44     5.0   277.7      111     7.0   306.1       178     6.5   299.7
 45     5.1   279.9      112     7.2   304.6       179     6.6   299.4
 46     5.1   280.2      113     7.2   304.6       180     6.5   299.9
 47     5.1   281.1      114     7.1   305.1       181     6.5   299.8
 48     5.2   283.8      115     6.9   303.5       182     6.6   299.5
 49     5.3   283.7      116     6.9   304.0       183     6.6   299.5
 50     5.1   285.7      117     6.9   303.7       184     6.5   300.4
 51     5.0   288.6      118     6.8   302.1       185     6.7   301.6
 52     5.1   292.2      119     6.6   300.1       186     6.9   303.0
 53     5.0   295.1      120     6.7   299.1       187     6.9   303.2
 54     4.8   295.7      121     6.7   298.5       188     7.0   302.9
 55     4.9   295.8      122     6.5   299.9       189     7.0   302.3
 56     4.9   295.6      123     6.3   301.5       190     7.1   301.9
 57     5.1   297.0      124     6.2   301.7       191     7.2   301.2
 58     5.2   300.4      125     6.3   301.6       192     7.3   300.9
 59     5.2   300.7      126     6.2   302.4       193     7.2   301 6
 60     5.2   300.3      127     6.0   303.4       194     7.0   303.4
 61     5.4   299.6      128     6.1   303.2       195     6.7   306.2
 62     5.5   298.9      129     6.5   306.1       196     6.4   309.0
 63     5.5   298.6      130     6.7   305.5       197     6.5   313.2
 64     5.5   298.7      131     6.8   304.7       198     6.4   314.8
 65     5.4   299.1      132     6 7   306.0       199     6.7   314.8
 66     5.3   299.6      133     6.7   306.1       200     6.9   312.6
```


CAMP SNOWBIRD STATION 504
DATE 1/ 2/76 TIME 2111(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

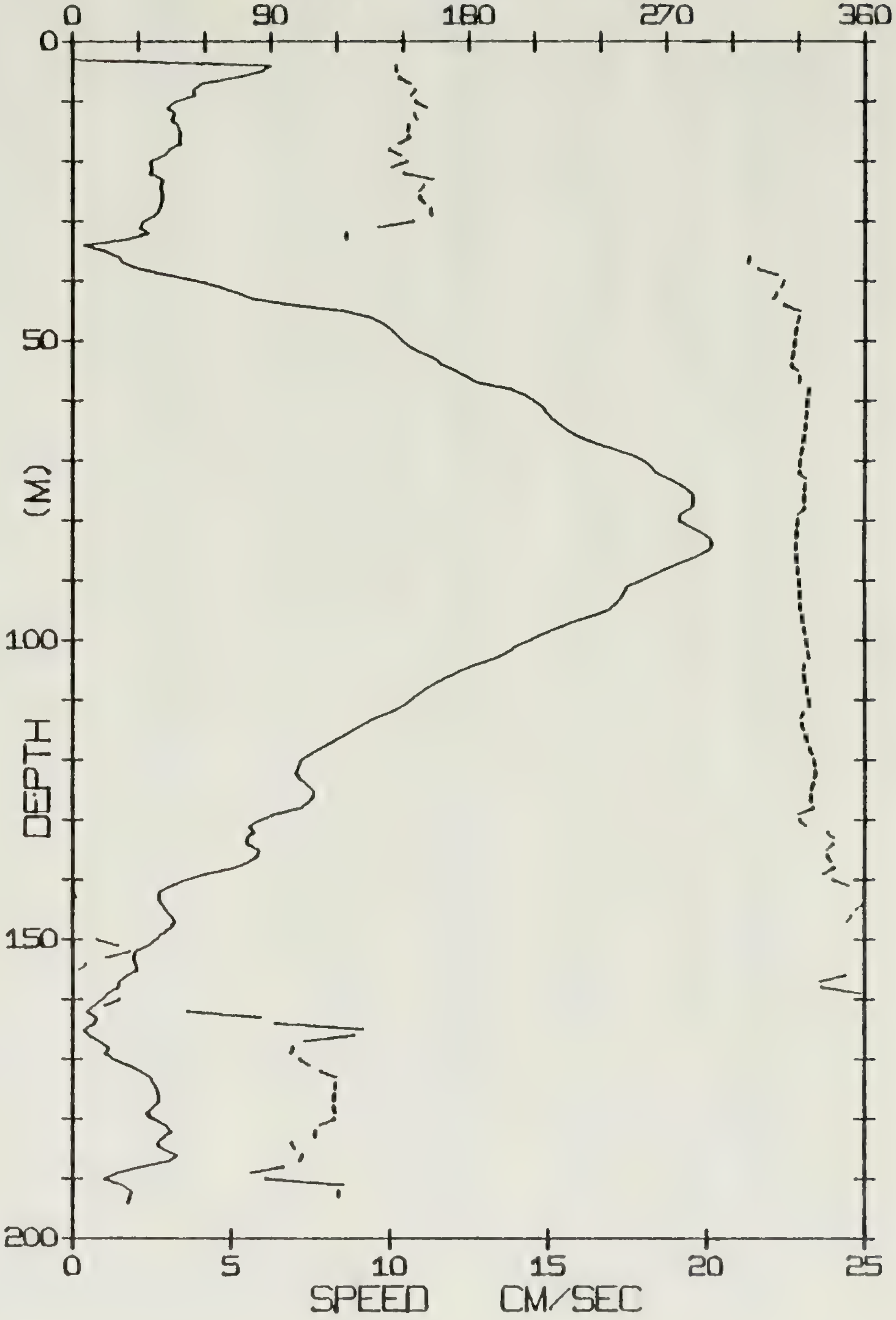

CAMP SNOWBIRD STATION 502
DATE 31/ 1/76 TIME 644(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 502     (200M.)     31/JAN/76      644 GMT
LAT= 73.8727N  LONG= 145.6210W  LTER=     0.  LGER=     0.
NIVEL=   2.5   EIVEL= -14.0     NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    8.6   281.0      134    6.5   268.7
  1    0.0   999.9       68    8.3   279.0      135    7.0   268.8
  2    0.0   999.9       69    8.1   277.8      136    7.4   269.9
  3    0.0   999.9       70    7.8   277.5      137    7.6   270.6
  4    8.0   309.7       71    7.5   277.3      138    7.7   270.9
  5    8.3   310.3       72    7.3   276.0      139    7.7   273.5
  6    8.8   308.0       73    7.2   273.8      140    7.6   273.4
  7    8.5   307.3       74    7.1   273.7      141    7.5   273.4
  8    7.6   313.6       75    7.0   273.7      142    7.4   273.3
  9    7.5   314.3       76    7.0   273.7      143    7.2   272.7
 10    7.4   317.1       77    7.1   271.3      144    6.9   272.2
 11    7.5   315.4       78    6.9   270.3      145    6.7   271.9
 12    7.5   314.0       79    6.8   270.3      146    6.6   274.6
 13    7.6   313.4       80    6.9   268.7      147    6.7   274.8
 14    7.6   313.1       81    6.9   267.4      148    6.9   275.0
 15    7.5   314.1       82    6.9   267.2      149    6.9   278.9
 16    7.6   313.8       83    6.9   267.1      150    6.7   279.3
 17    7.2   315.0       84    6.9   267.1      151    6.6   277.0
 18    6.9   316.9       85    6.5   265.7      152    6.6   276.2
 19    7.0   315.8       86    6.2   264.3      153    6.7   276.2
 20    7.1   312.3       87    6.3   264.6      154    7.1   276.7
 21    7.0   310.5       88    6.4   265.1      155    7.5   277.0
 22    7.0   309.6       89    6.6   266.3      156    7.8   277.1
 23    7.0   310.1       90    6.8   267.3      157    7.9   277.1
 24    7.1   309.7       91    7.0   267.9      158    7.9   277.1
 25    7.4   309.3       92    6.9   267.7      159    7.8   277.1
 26    7.5   309.4       93    6.5   268.5      160    7.6   277.1
 27    7.7   308.0       94    6.1   267.8      161    7.7   277.3
 28    8.3   303.6       95    6.1   267.6      162    7.8   277.5
 29    9.5   297.1       96    6.3   268.3      163    7.9   279.7
 30   10.5   292.6       97    6.4   269.0      164    7.7   279.7
 31   11.4   290.1       98    6.5   269.9      165    7.6   279.7
 32   11.7   290.7       99    6.5   266.2      166    7.4   279.7
 33   11.9   293.1      100    6.7   266.9      167    7.2   279.6
 34   12.0   297.0      101    7.0   268.1      168    7.0   279.6
 35   12.0   299.7      102    7.3   269.2      169    6.8   280.1
 36   11.8   299.9      103    7.4   269.4      170    6.8   282.6
 37   11.5   298.5      104    7.3   269.3      171    6.8   282.6
 38   11.3   297.2      105    7.1   272.1      172    6.9   282.5
 39   11.1   297.2      106    6.8   271.4      173    6.8   282.5
 40   11.0   297.7      107    6.8   271.4      174    6.8   282.6
 41   11.0   297.5      108    7.0   271.9      175    6.7   282.6
 42   11.0   297.0      109    7.1   272.1      176    6.7   282.5
 43   10.8   296.0      110    6.9   271.7      177    6.7   282.5
 44   10.9   294.2      111    6.8   271.2      178    6.8   282.4
 45   10.7   293.9      112    6.6   270.5      179    6.8   282.4
 46   10.3   293.4      113    6.4   269.7      180    6.7   282.4
 47    9.8   291.8      114    6.3   268.9      181    6.5   282.4
 48    9.6   290.8      115    6.2   268.5      182    6.6   286.5
 49    9.4   288.8      116    6.1   270.5      183    6.7   288.4
 50    9.3   287.9      117    6.0   271.3      184    6.8   292.0
 51    9.0   288.0      118    6.1   271.6      185    6.9   291.7
 52    8.7   288.4      119    6.3   272.1      186    6.7   292.4
 53    8.5   286.8      120    6.4   272.7      187    6.4   293.4
 54    8.6   285.3      121    6.5   273.0      188    6.0   295.1
 55    8.6   284.7      122    6.5   273.4      189    5.7   296.8
 56    8.4   283.1      123    6.5   273.6      190    5.5   297.5
 57    8.3   281.9      124    6.5   269.3      191    5.7   296.7
 58    8.2   279.9      125    6.4   266.8      192    6.1   295.0
 59    8.2   279.7      126    6.7   266.5      193    6.4   293.6
 60    8.5   279.6      127    6.9   267.5      194    6.6   296.2
 61    8.7   279.6      128    6.8   271.7      195    6.7   295.9
 62    8.8   279.6      129    6.7   271.5      196    7.0   294.9
 63    8.8   279.7      130    6.5   270.9      197    7.2   294.1
 64    8.7   280.1      131    6.2   270.3      198    7.3   293.9
 65    8.7   280.9      132    6.0   269.7      199    7.2   294.2
 66    8.8   280.8      133    6.1   269.9      200    7.1   294.6
```

```
SNOWBIRD STATION 504     (200M.)      1/FEB/76     2111 GMT
LAT= 73.9246N  LONG= 145.8051W  LTER=     0.  LGER=     0.
NIVEL=   2.7   EIVEL=   3.9     NVER=     0.  EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    3.4    61.0      134   16.2   171.7
  1    0.0   999.9       68    3.4    59.6      135   16.2   171.7
  2    0.0   999.9       69    3.4    56.6      136   16.3   171.9
  3    0.0   999.9       70    3.0    55.4      137   16.4   172.2
  4    5.0    71.3       71    2.4    61.6      138   16.5   172.4
  5    5.0    71.5       72    2.2    69.5      139   16.6   172.4
  6    4.9    71.9       73    2.4    73.3      140   16.4   172.4
  7    4.8    72.1       74    2.5    73.2      141   16.0   172.2
  8    4.8    72.1       75    2.6    73.6      142   15.5   171.9
  9    4.8    72.1       76    2.6    73.3      143   15.0   171.4
 10    4.8    72.1       77    2.6    72.9      144   14.7   171.1
 11    4.8    72.1       78    2.6    72.6      145   14.5   171.0
 12    4.8    72.1       79    2.4    76.2      146   14.3   170.7
 13    4.8    72.1       80    2.2    82.9      147   14.1   170.5
 14    4.8    72.1       81    2.1    94.1      148   13.7   170.1
 15    4.7    72.3       82    2.2   106.0      149   13.4   169.7
 16    4.5    72.3       83    2.5   111.6      150   12.9   169.1
 17    4.3    72.0       84    2.8   113.5      151   12.4   168.4
 18    4.1    71.2       85    3.0   114.9      152   11.9   167.6
 19    4.0    70.6       86    3.0   115.8      153   11.4   166.8
 20    3.9    70.2       87    3.0   116.3      154   10.9   165.9
 21    3.9    70.0       88    3.1   116.9      155   10.3   164.7
 22    3.9    70.0       89    3.5   117.4      156    9.6   163.3
 23    3.8    69.2       90    3.5   119.5      157    8.8   166.3
 24    3.8    68.9       91    3.6   122.7      158    8.2   166.8
 25    3.7    68.2       92    3.7   125.8      159    7.7   165.2
 26    3.6    65.9       93    3.8   128.5      160    7.3   163.3
 27    3.5    64.1       94    3.9   131.6      161    6.9   161.4
 28    3.5    63.1       95    4.0   134.4      162    6.5   159.6
 29    3.5    63.0       96    4.1   135.5      163    6.2   157.9
 30    3.5    63.0       97    4.2   136.9      164    5.8   155.3
 31    3.5    63.0       98    4.2   138.6      165    5.6   153.9
 32    3.5    63.0       99    4.4   141.3      166    5.4   153.0
 33    3.5    62.9      100    4.6   144.0      167    5.3   152.2
 34    3.5    62.8      101    4.9   147.9      168    5.1   150.7
 35    3.4    59.4      102    5.2   150.9      169    5.0   146.9
 36    3.4    51.3      103    5.4   152.7      170    5.1   140.6
 37    4.2    38.9      104    6.0   148.0      171    4.9   138.3
 38    4.3    38.4      105    6.1   149.1      172    4.8   137.4
 39    4.1    39.2      106    6.4   150.6      173    4.7   136.4
 40    3.9    40.7      107    6.6   152.2      174    4.6   134.9
 41    3.8    41.6      108    7.3   152.7      175    4.7   130.8
 42    3.7    42.2      109    8.2   150.5      176    4.8   125.9
 43    3.7    43.3      110    8.8   152.5      177    4.6   122.8
 44    3.6    45.3      111    9.4   154.5      178    4.4   119.0
 45    3.4    50.5      112   10.0   156.1      179    4.2   114.2
 46    3.4    57.0      113   10.5   157.3      180    4.1   109.2
 47    3.4    61.2      114   10.8   157.9      181    4.1   110.0
 48    3.4    61.3      115   11.2   158.7      182    4.2   113.9
 49    3.4    57.7      116   11.7   159.5      183    4.4   118.6
 50    3.4    55.6      117   12.1   160.2      184    4.7   123.5
 51    3.4    55.8      118   12.5   161.0      185    4.7   123.1
 52    3.4    57.0      119   13.0   161.7      186    4.9   116.8
 53    3.4    58.6      120   13.5   162.6      187    5.2   108.0
 54    3.4    60.5      121   14.0   163.3      188    5.0   103.2
 55    3.4    62.4      122   14.3   163.7      189    4.4   100.9
 56    3.5    63.7      123   14.6   164.1      190    4.0    96.5
 57    3.5    64.4      124   14.7   165.7      191    3.9    95.7
 58    3.4    61.6      125   14.7   169.8      192    4.0    97.6
 59    3.4    54.6      126   15.0   170.2      193    4.0   101.4
 60    3.5    45.4      127   15.2   170.5      194    4.0   103.8
 61    3.6    43.5      128   15.5   170.9      195    4.0   105.1
 62    3.6    44.5      129   15.7   171.2      196    4.0   103.6
 63    3.5    47.2      130   15.9   171.5      197    3.9   101.5
 64    3.4    51.6      131   16.1   171.7      198    3.9    98.4
 65    3.4    56.0      132   16.3   171.8      199    3.7   102.0
 66    3.4    59.9      133   16.2   171.8      200    3.7   109.5
```



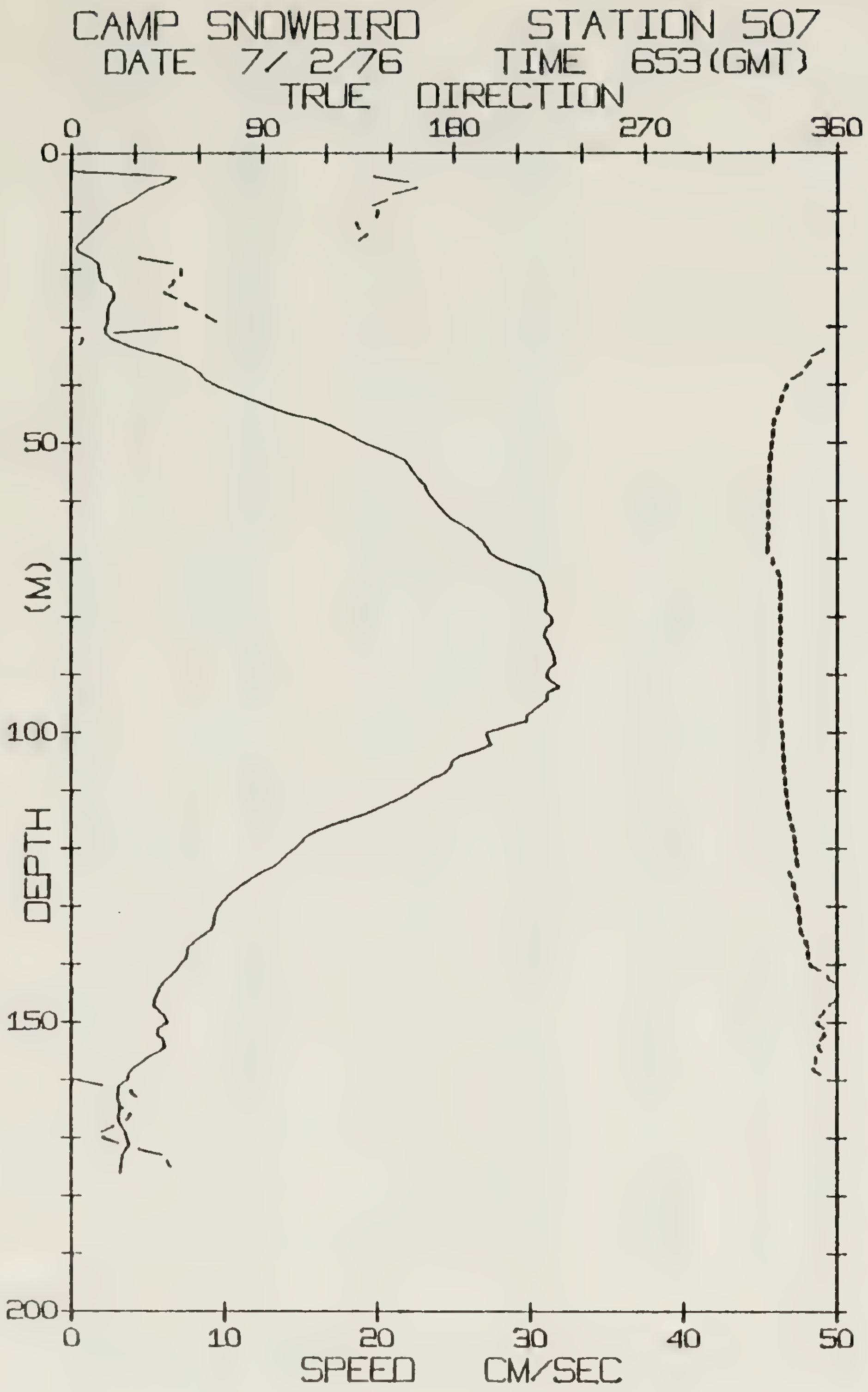
CAMP SNOWBIRD STATION 505
DATE 6/ 2/76 TIME 805(GMT)

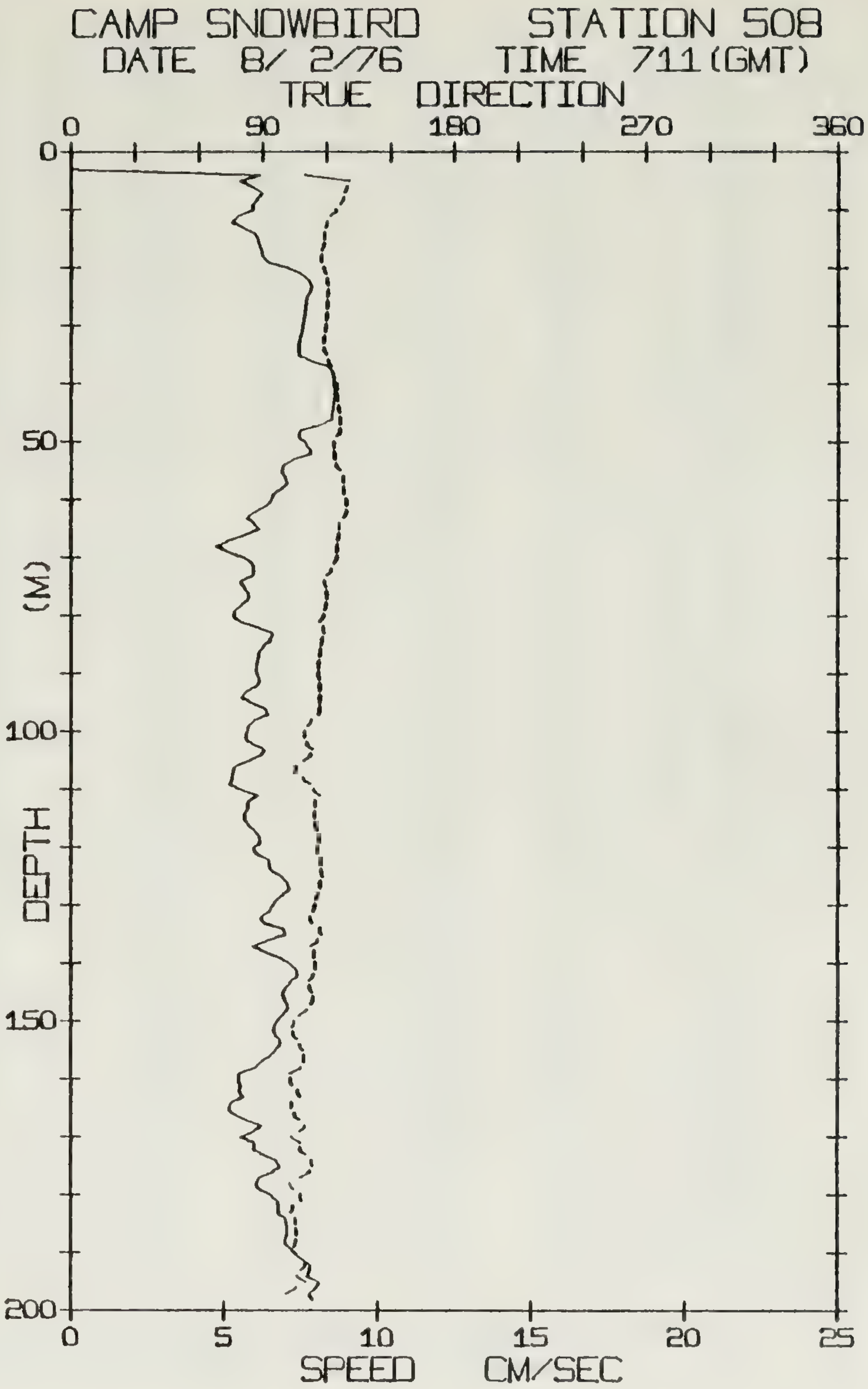


CAMP SNOWBIRD STATION 506
DATE 7/ 2/76 TIME 42(GMT)

```
SNOWBIRD STATION 505     (197M.)      6/FEB/76      805 GMT
LAT= 73.8750N  LONG= 145.4743W  LTER=     0   LGER=     1.
NIVEL=  -7.7   EIVEL=    5.1    NVER=     0.  EVER=     0.

DPT    SPD   DRN     DPT    SPD    DRN     DPT    SPD    DRN
  0    0.0  999.9     67    2.4    94.5    134    3.6   112.6
  1    0.0  999.9     68    2.6    93.1    135    3.7   113.3
  2    0.0  999.9     69    2.7    93.7    136    3.7   114.1
  3    0.0  999.9     70    3.0    90.5    137    3.8   115.0
  4    5.4  134.8     71    2.9    86.0    138    3.8   115.5
  5    4.2  152.4     72    3.0    88.7    139    3.8   116.3
  6    3.9  163.7     73    3.1    94.8    140    3.8   119.7
  7    3.8  163.6     74    3.3    98.9    141    3.6   124.2
  8    3.8  166.3     75    3.6   100.5    142    3.5   124.0
  9    4.0  167.1     76    3.7   100.9    143    3.5   123.4
 10    4.1  161.8     77    3.7    98.5    144    3.4   122.5
 11    3.9  157.4     78    3.8    94.3    145    3.4   123.0
 12    3.6  158.2     79    3.7    90.5    146    3.5   124.5
 13    3.3  159.9     80    3.7    87.2    147    3.7   126.3
 14    3.0  161.9     81    3.7    85.7    148    3.9   127.8
 15    2.9  162.4     82    3.7    85.8    149    4.0   128.8
 16    2.9  162.3     83    3.6    87.2    150    4.0   129.1
 17    2.9  160.3     84    3.4    92.2    151    4.0   127.2
 18    3.1  156.1     85    3.4    94.8    152    4.0   125.3
 19    3.2  154.3     86    3.4    95.7    153    3.9   123.9
 20    3.2  154.2     87    3.2    96.4    154    3.8   123.2
 21    3.2  154.1     88    3.0    99.7    155    3.6   124.1
 22    3.1  150.5     89    2.8   103.6    156    3.6   119.1
 23    3.1  149.8     90    2.8   104.0    157    3.6   119.5
 24    3.1  149.7     91    2.7   105.9    158    3.7   120.4
 25    3.2  149.4     92    2.6   107.1    159    3.7   121.3
 26    3.3  149.1     93    2.5   105.2    160    3.8   122.0
 27    3.4  148.9     94    2.5   105.8    161    3.9   121.5
 28    3.4  148.7     95    2.6   107.3    162    4.2   119.5
 29    3.4  148.5     96    2.5   105.2    163    4.3   117.7
 30    3.4  148.4     97    2.5   105.5    164    4.3   117.2
 31    3.3  148.2     98    2.6   108.0    165    4.2   116.0
 32    3.2  148.3     99    2.7   110.7    166    4.2   115.0
 33    3.1  148.5    100    2.7   112.6    167    4.1   114.2
 34    3.1  141.8    101    2.8   114.5    168    4.1   113.1
 35    2.9  139.4    102    3.0   115.5    169    4.0   111.8
 36    2.7  138.5    103    3.3   114.4    170    3.7   113.4
 37    2.7  137.6    104    3.5   113.3    171    3.7   113.9
 38    2.9  137.8    105    3.6   112.6    172    3.6   119.3
 39    3.2  138.5    106    3.5   110.3    173    3.8   122.0
 40    2.9  138.6    107    3.3   106.4    174    3.9   126.6
 41    2.6  138.6    108    3.2   101.7    175    3.9   127.9
 42    2.7  139.2    109    3.3   104.5    176    4.0   128.1
 43    3.0  137.5    110    3.2   104.1    177    4.0   128.3
 44    3.2  132.8    111    3.2   103.5    178    4.0   129.6
 45    3.2  130.4    112    2.9   105.9    179    3.9   133.1
 46    3.2  124.1    113    2.9   104.0    180    3.8   136.3
 47    3.0  121.6    114    2.9   103.7    181    3.7   137.5
 48    2.8  119.7    115    2.9   103.5    182    3.7   139.3
 49    2.9  120.0    116    2.9   103.5    183    3.7   144.7
 50    2.7  117.7    117    2.9   103.5    184    4.1   144.8
 51    2.6  114.2    118    2.9   103.2    185    4.7   142.1
 52    2.5  111.9    119    2.9   104.7    186    5.2   141.0
 53    2.8  105.8    120    3.0   106.4    187    5.5   137.7
 54    2.9  104.6    121    3.1   109.5    188    5.4   135.2
 55    2.8  107.7    122    3.3   112.6    189    5.1   133.3
 56    2.6  106.7    123    3.2   112.4    190    4.8   131.0
 57    2.5  103.0    124    3.2   110.8    191    4.5   128.4
 58    2.4   97.9    125    3.0   107.5    192    4.3   126.7
 59    2.3   94.9    126    3.0   105.2    193    4.2   126.0
 60    2.4   97.5    127    3.0   106.6    194    4.4   127.8
 61    2.5  102.2    128    3.1   109.2    195    4.9   126.3
 62    2.5  102.7    129    3.2   112.3    196    4.5   120.7
 63    2.4  102.5    130    3.3   113.8    197    4.7   122.3
 64    2.5  103.8    131    3.4   115.0
 65    2.5  102.8    132    3.4   115.1
 66    2.3   95.8    133    3.4   115.2
```

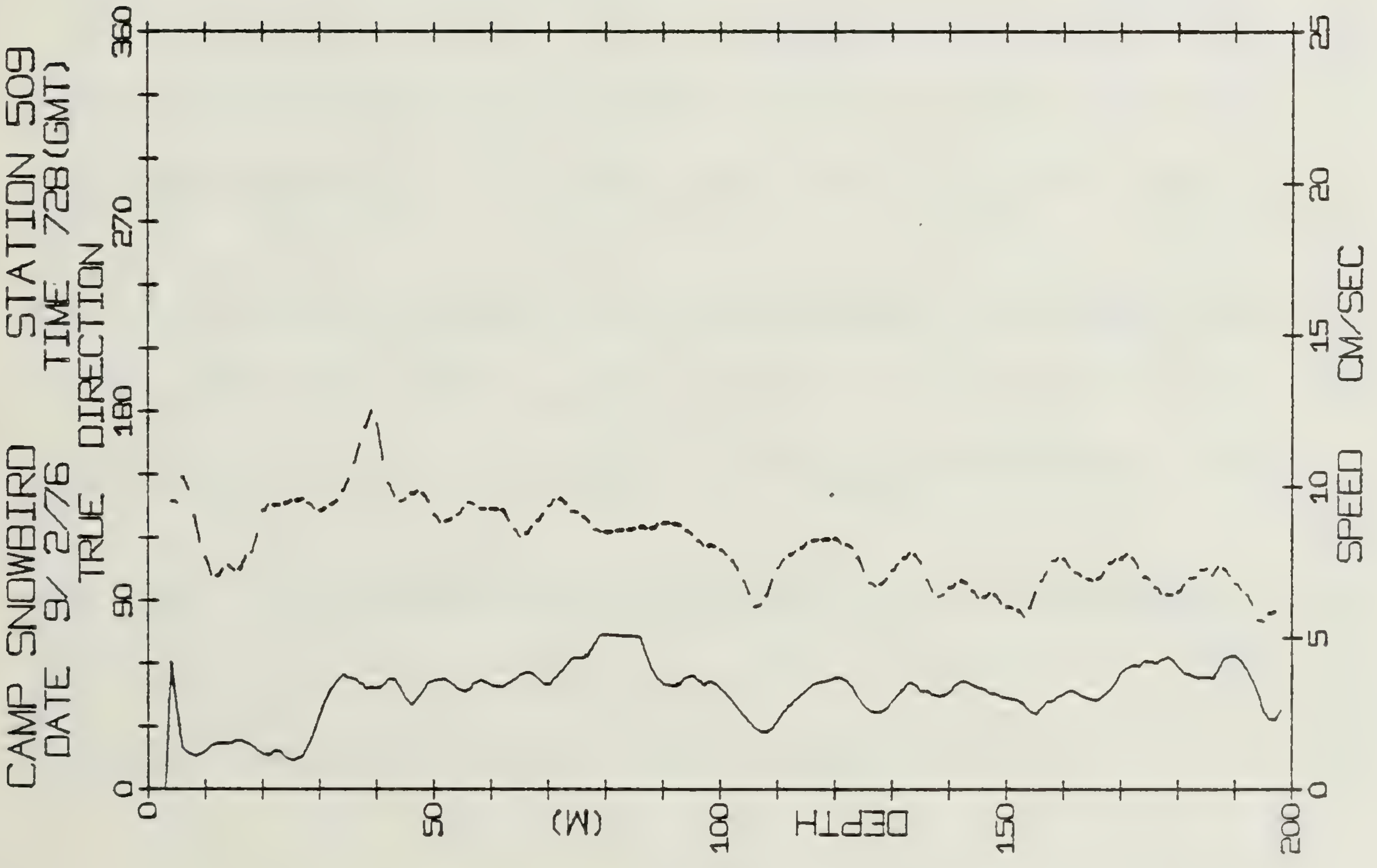
```
SNOWBIRD STATION 506     (194M.)      7/FEB/76       42 GMT
LAT= 73.8422N  LONG= 145.3016W  LTER=     1   LGER=     2.
NIVEL=  -5.0   EIVEL=   10.4    NVER=     0   EVER=     0.

DPT    SPD   DRN     DPT    SPD    DRN     DPT    SPD    DRN
  0    0.0  999.9     67   16.4   331.7    134    5.5   345.3
  1    0.0  999.9     68   17.0   331.2    135    5.9   343.0
  2    0.0  999.9     69   17.6   330.7    136    5.8   343.2
  3    0.0  999.9     70   18.0   330.4    137    5.5   344.7
  4    6.2  147.0     71   18.3   330.2    138    5.1   345.7
  5    6.0  147.1     72   18.4   330.1    139    4.2   341.3
  6    5.1  148.4     73   18.8   333.1    140    3.6   345.5
  7    4.1  153.1     74   19.2   332.8    141    3.1   353.1
  8    3.8  155.4     75   19.5   332.5    142    2.7     0.8
  9    3.9  153.9     76   19.6   332.4    143    2.7     1.6
 10    3.3  156.0     77   19.6   332.4    144    2.8   359.1
 11    3.0  160.7     78   19.5   332.5    145    3.0   356.4
 12    3.2  155.1     79   19.2   329.9    146    3.1   353.8
 13    3.1  156.7     80   19.1   329.5    147    3.2   352.0
 14    3.3  152.8     81   19.5   329.3    148    3.1   355.9
 15    3.4  151.9     82   19.8   329.0    149    2.8     2.9
 16    3.4  152.5     83   20.1   328.9    150    2.6    11.3
 17    3.4  148.2     84   20.2   328.7    151    2.4    20.5
 18    3.1  144.1     85   20.1   328.8    152    2.0    25.9
 19    2.9  148.7     86   19.7   329.0    153    1.9    15.5
 20    2.4  151.9     87   19.2   329.4    154    2.0     6.0
 21    2.5  145.0     88   18.8   329.7    155    2.0     3.1
 22    2.4  150.2     89   18.3   330.0    156    1.7   351.3
 23    2.9  163.7     90   17.9   330.3    157    1.5   339.8
 24    2.8  159.5     91   17.5   330.6    158    1.4   340.6
 25    2.8  157.4     92   17.4   330.7    159    1.1   358.2
 26    2.8  157.7     93   17.3   330.7    160    0.9    21.4
 27    2.8  159.9     94   17.1   330.8    161    0.7    14.9
 28    2.7  162.7     95   16.9   331.0    162    0.4    52.2
 29    2.6  163.4     96   16.3   331.5    163    0.7    85.1
 30    2.2  154.8     97   15.7   332.1    164    0.7    91.9
 31    2.1  138.9     98   15.3   332.6    165    0.4   131.8
 32    2.4  124.4     99   14.8   333.1    166    0.5   127.9
 33    1.7  124.1    100   14.4   333.5    167    0.9   105.4
 34    0.4  132.9    101   14.0   334.1    168    1.1   100.0
 35    1.0  304.1    102   13.7   334.4    169    1.0    98.9
 36    1.5  307.4    103   13.3   334.8    170    1.3   103.3
 37    1.6  306.8    104   12.7   332.7    171    1.8   107.5
 38    2.1  311.5    105   12.2   331.8    172    2.1   112.7
 39    3.0  320.0    106   11.9   332.4    173    2.5   119.5
 40    3.9  323.2    107   11.5   333.0    174    2.6   119.1
 41    4.7  321.8    108   11.2   333.6    175    2.7   119.0
 42    5.2  319.7    109   10.9   334.1    176    2.7   118.7
 43    5.7  318.2    110   10.6   334.6    177    2.7   118.5
 44    7.0  323.6    111   10.4   335.1    178    2.5   118.8
 45    8.6  330.5    112   10.0   332.0    179    2.3   119.4
 46    9.4  329.8    113    9.5   330.7    180    2.6   118.6
 47    9.8  329.1    114    9.2   331.4    181    2.9   112.4
 48   10.0  328.6    115    8.8   332.3    182    3.1   110.5
 49   10.2  328.4    116    8.5   333.1    183    2.9   110.3
 50   10.4  328.0    117    8.2   334.1    184    2.7    99.9
 51   10.6  327.8    118    7.8   335.0    185    2.9   101.3
 52   11.0  327.2    119    7.5   336.1    186    3.3   104.3
 53   11.4  326.7    120    7.2   337.1    187    3.1   103.1
 54   11.7  326.4    121    7.1   337.4    188    2.1    95.4
 55   12.1  329.1    122    7.0   337.6    189    1.4    81.1
 56   12.4  330.2    123    7.2   337.1    190    1.0    87.8
 57   12.8  329.9    124    7.4   336.3    191    1.6   122.7
 58   13.8  334.4    125    7.6   335.5    192    1.9   120.9
 59   14.3  333.9    126    7.6   335.6    193    1.8   120.8
 60   14.6  333.6    127    7.4   336.0    194    1.7   120.7
 61   14.8  333.4    128    7.2   336.9
 62   15.0  333.2    129    6.4   330.2
 63   15.1  333.1    130    5.9   330.5
 64   15.4  332.8    131    5.6   333.2
 65   15.6  332.6    132    5.7   342.9
 66   16.0  332.1    133    5.5   345.6
```

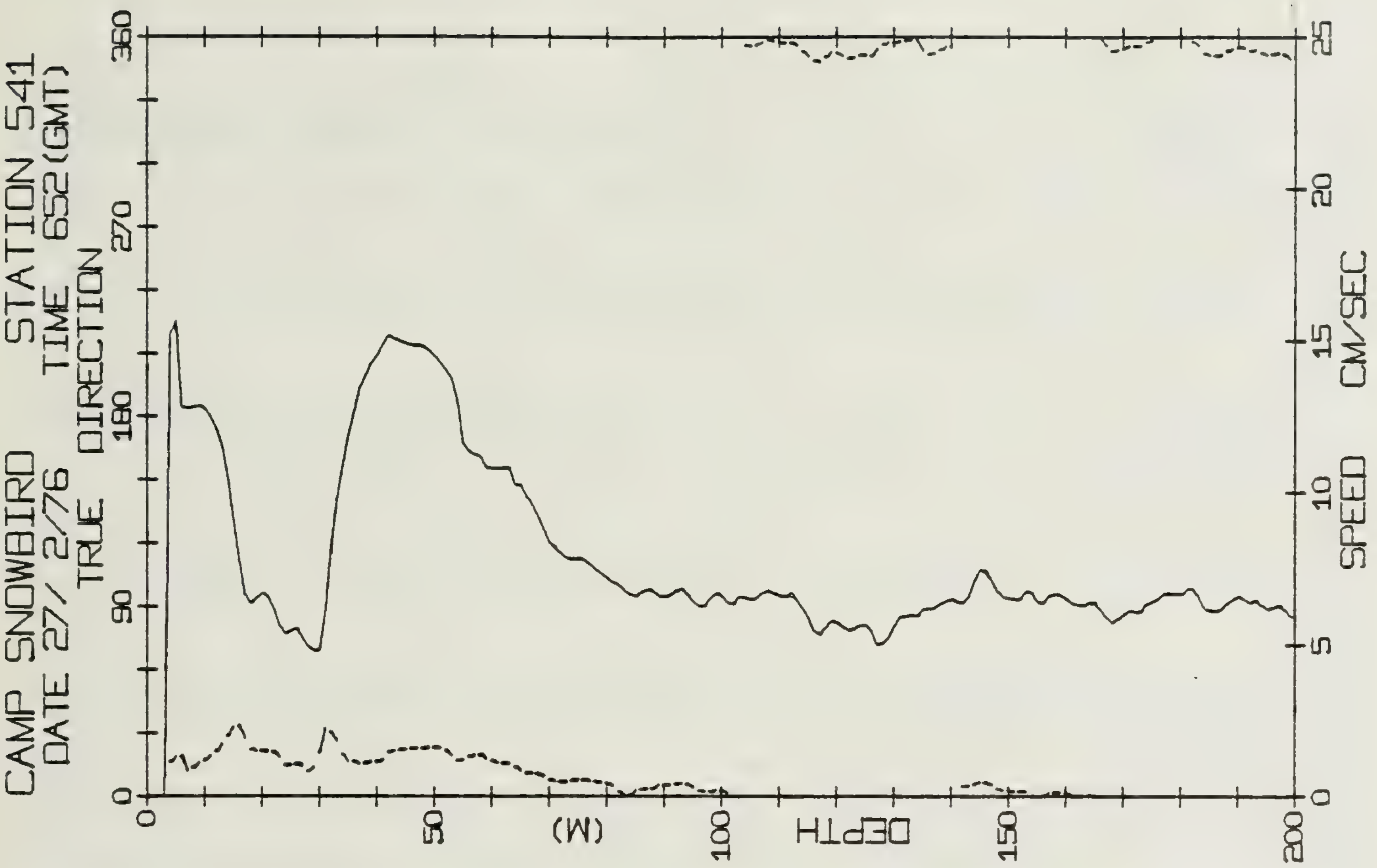

CAMP SNOWBIRD STATION 507
DATE 7/ 2/76 TIME 653(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
10
20
30
40
50
SPEED CM/SEC


CAMP SNOWBIRD STATION 508
DATE 8/ 2/76 TIME 711(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 507     (176M.)       7/FEB/76        653 GMT
LAT= 73.8302N  LONG= 145.2327W  LTER=      1   LGER=      2
NIVEL=  -6.5   EIVEL=    7.9    NVER=      0   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67   26.9   327.2      134    9.1   343.2
  1    0.0   999.9       68   27.2   327.3      135    8.6   344.4
  2    0.0   999.9       69   27.5   327.3      136.   8.1   345.6
  3    0.0   999.9       70   27.9   329.7      137    7.6   346.8
  4    6.8   142.7       71   28.9   329.6      138    7.6   346.9
  5    6.2   158.1       72   30.0   331.9      139    7.5   347.0
  6    5.1   162.3       73   30.6   333.3      140    7.1   347.9
  7    4.5   151.4       74   30.9   333.3      141    6.8   351.8
  8    4.0   148.3       75   31.0   333.4      142    6.5   355.6
  9    3.2   142.0       76   31.0   333.4      143    6.0   358.5
 10    2.5   143.7       77   31.1   333.5      144    5.7     0.5
 11    2.1   143.4       78   31.0   333.6      145    5.6     0.9
 12    1.9   133.8       79   31.0   333.6      146    5.4   359.4
 13    1.5   135.4       80   31.4   333.6      147    5.4   356.3
 14    1.1   138.7       81   31.5   333.6      148    5.7   354.1
 15    0.7   135.3       82   31.1   333.7      149    6.1   351.8
 16    0.3   106.3       83   30.9   333.7      150    6.3   350.8
 17    0.5    22.1       84   31.1   333.6      151    5.7   353.9
 18    1.2    32.0       85   31.3   333.5      152    5.6   354.4
 19    1.7    47.1       86   31.5   333.5      153    6.0   352.1
 20    1.8    51.3       87   31.6   333.4      154    6.2   351.2
 21    1.8    51.7       88   31.6   333.4      155    5.8   352.9
 22    2.0    48.0       89   31.2   333.5      156    5.0   350.1
 23    2.5    46.0       90   31.1   333.5      157    4.6   350.1
 24    2.8    43.7       91   31.4   333.4      158    4.0   348.7
 25    2.7    48.9       92   31.9   333.3      159    3.7   352.4
 26    2.4    53.9       93   31.1   333.5      160    3.6     2.4
 27    2.3    58.9       94   31.2   333.5      161    3.1    14.3
 28    2.3    63.5       95   30.8   333.7      162    3.0    28.0
 29    2.3    67.7       96   30.2   333.8      163    3.0    30.6
 30    2.2    49.3       97   29.7   333.9      164    3.2    22.8
 31    2.3    20.1       98   29.7   334.1      165    3.2    24.4
 32    2.6     5.0       99   28.3   334.4      166    3.1    27.7
 33    3.5     3.7      100   27.1   334.8      167    3.1    25.6
 34    4.6   353.3      101   27.3   334.8      168    3.3    19.7
 35    6.1   348.5      102   27.5   334.7      169    3.6    14.4
 36    7.2   347.1      103   26.7   334.9      170    3.7    15.0
 37    7.9   345.1      104   25.4   335.3      171    3.8    22.1
 38    8.4   343.0      105   24.9   335.5      172    3.6    31.7
 39    8.7   338.8      106   24.7   335.5      173    3.3    42.2
 40    9.4   336.5      107   24.4   335.7      174    3.3    45.0
 41   10.3   335.2      108   23.5   336.0      175    3.2    46.5
 42   11.3   334.0      109   22.9   336.2      176    3.2    45.9
 43   12.3   333.0      110   22.3   336.5
 44   13.2   332.1      111   21.7   336.8
 45   14.3   331.4      112   20.9   337.1
 46   16.0   330.4      113   20.1   337.5
 47   17.0   329.9      114   19.2   337.9
 48   17.7   329.6      115   18.0   338.6
 49   18.4   329.3      116   16.9   339.3
 50   19.2   329.0      117   16.0   339.9
 51   20.1   328.7      118   15.3   340.4
 52   21.1   328.4      119   15.0   340.6
 53   21.8   328.2      120   14.6   340.9
 54   22.1   328.1      121   14.1   341.3
 55   22.3   328.1      122   13.7   341.6
 56   22.7   328.0      123   13.3   341.9
 57   23.1   327.9      124   12.5   338.0
 58   23.3   327.8      125   11.9   339.0
 59   23.5   327.8      126   11.3   339.7
 60   23.8   327.7      127   10.8   340.4
 61   24.1   327.6      128   10.3   341.2
 62   24.4   327.6      129    9.9   341.7
 63   24.8   327.5      130    9.6   342.3
 64   25.5   327.4      131    9.4   342.6
 65   26.1   327.3      132    9.3   342.8
 66   26.5   327.3      133    9.3   342.9
```

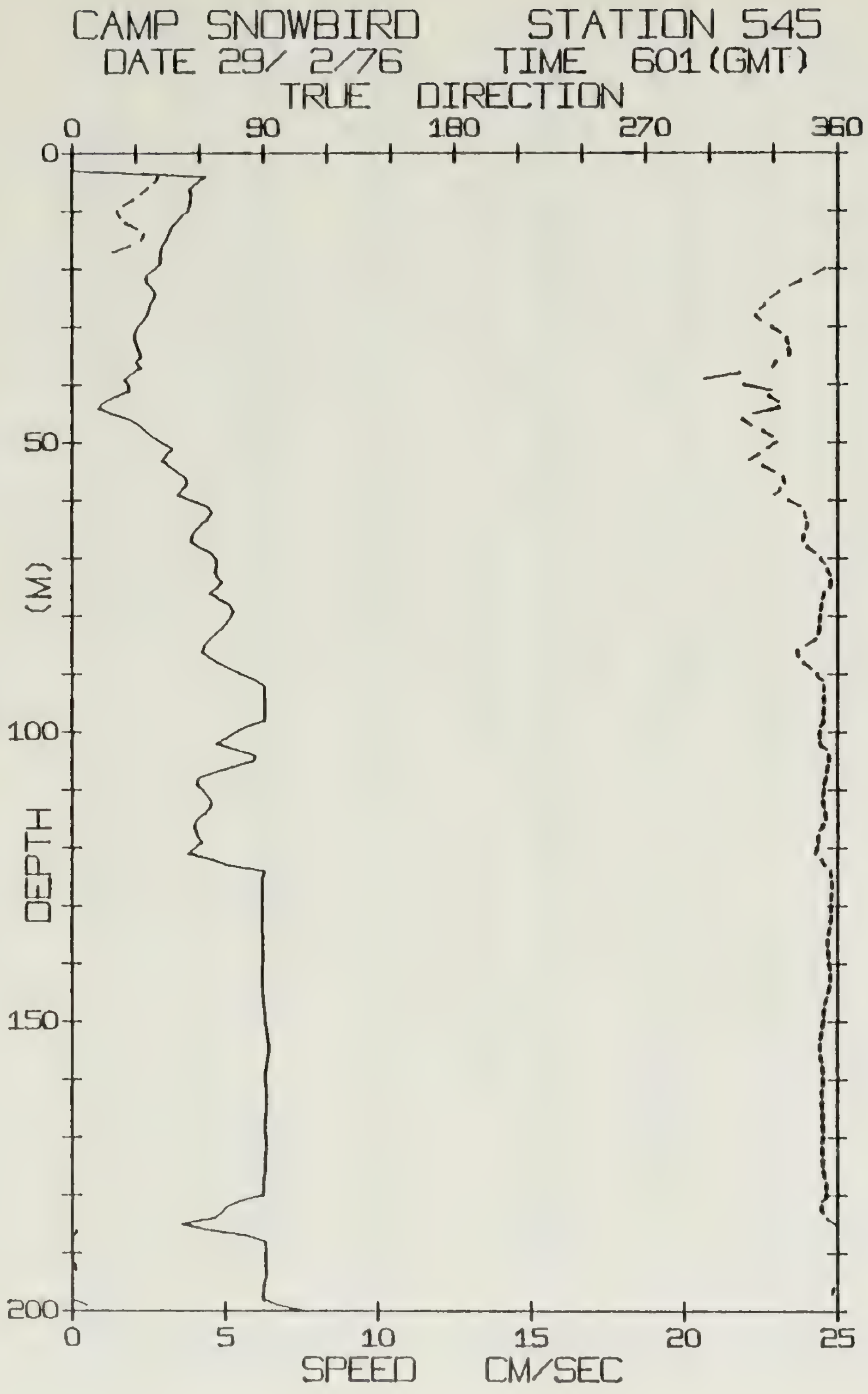
```
SNOWBIRD STATION 508     (198M.)       8/FEB/76        711 GMT
LAT= 73.7673N  LONG= 145.0271W  LTER=     7.   LGER=     21.
NIVEL=  -6.1   EIVEL=    8.4    NVER=     0.   EVER=      1.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    5.1   125.0      134    7.0   116.8
  1    0.0   999.9       68    4.7   124.6      135    7.0   117.7
  2    0.0   999.9       69    5.1   124.8      136    6.4   115.8
  3    0.0   999.9       70    5.7   124.6      137    5.9   113.0
  4    6.2   110.0       71    5.9   123.6      138    6.3   114.1
  5    5.5   130.6       72    6.0   122.2      139    6.8   113.8
  6    5.9   129.6       73    5.9   120.3      140    7.2   114.9
  7    6.2   128.3       74    5.5   118.9      141    7.4   114.7
  8    6.1   127.7       75    5.6   119.7      142    7.4   113.6
  9    5.9   126.5       76    5.8   120.2      143    7.2   112.0
 10    5.9   124.6       77    5.8   120.0      144    7.0   112.0
 11    5.5   121.9       78    5.6   119.5      145    6.9   113.1
 12    5.2   120.3       79    5.4   118.8      146    7.0   113.8
 13    5.6   119.2       80    5.3   118.4      147    7.1   112.8
 14    6.0   118.9       81    5.5   116.5      148    7.0   110.9
 15    6.1   119.1       82    6.1   118.4      149    6.9   107.3
 16    6.2   118.6       83    6.6   119.0      150    6.7   105.1
 17    6.2   117.4       84    6.5   118.0      151    6.6   103.9
 18    6.3   117.5       85    6.3   117.3      152    6.7   104.4
 19    6.4   117.3       86    6.1   116.7      153    6.8   106.1
 20    7.1   118.8       87    6.1   116.5      154    6.8   107.5
 21    7.5   119.7       88    6.0   116.2      155    6.7   108.8
 22    7.7   120.3       89    6.0   116.0      156    6.5   109.5
 23    7.9   120.7       90    6.1   116.2      157    6.2   109.5
 24    7.8   120.5       91    6.2   116.7      158    6.0   108.1
 25    7.7   120.1       92    6.1   116.9      159    5.5   103.4
 26    7.6   120.0       93    5.7   116.6      160    5.5   103.1
 27    7.6   120.0       94    5.6   116.9      161    5.5   104.0
 28    7.6   119.9       95    5.9   116.7      162    5.5   106.5
 29    7.6   119.8       96    6.3   116.9      163    5.6   107.8
 30    7.5   119.4       97    6.4   116.1      164    5.2   104.1
 31    7.5   118.9       98    6.0   113.0      165    5.1   103.3
 32    7.5   118.6       99    5.8   111.1      166    5.3   105.1
 33    7.4   118.5      100    5.7   109.8      167    5.7   107.0
 34    7.4   118.8      101    5.7   109.7      168    6.2   110.1
 35    7.4   120.1      102    5.9   110.8      169    6.0   107.8
 36    7.8   121.1      103    6.3   113.1      170    5.5   104.0
 37    8.4   122.4      104    6.2   112.5      171    6.0   107.8
 38    8.6   123.4      105    5.8   109.8      172    5.9   107.6
 39    8.6   124.3      106    5.3   106.0      173    6.3   110.0
 40    8.6   124.9      107    5.3   105.0      174    6.7   112.8
 41    8.6   125.3      108    5.3   109.2      175    6.8   113.5
 42    8.6   125.4      109    5.2   112.1      176    6.6   112.2
 43    8.6   125.6      110    5.6   114.3      177    6.1   108.1
 44    8.5   126.0      111    6.1   116.5      178    6.0   103.0
 45    8.5   126.5      112    5.8   114.8      179    6.2   104.5
 46    8.5   126.7      113    5.8   114.8      180    6.5   107.7
 47    8.1   126.6      114    5.7   114.3      181    6.7   108.3
 48    7.5   126.3      115    5.7   114.4      182    6.8   104.7
 49    7.4   124.8      116    5.8   115.0      183    6.8   103.3
 50    7.6   123.7      117    6.0   115.8      184    7.0   105.4
 51    7.8   123.6      118    6.2   116.5      185    7.1   105.8
 52    7.8   124.1      119    6.2   116.6      186    7.1   106.1
 53    7.3   124.3      120    6.0   115.6      187    7.0   105.9
 54    6.9   124.9      121    6.0   115.7      188    7.0   105.4
 55    6.9   126.7      122    6.4   117.2      189    7.1   104.9
 56    7.0   127.9      123    6.5   117.1      190    7.3   105.8
 57    7.1   128.1      124    6.6   117.6      191    7.5   108.1
 58    6.9   128.2      125    6.9   118.3      192    7.8   110.3
 59    6.6   127.9      126    7.1   117.3      193    7.8   108.3
 60    6.5   129.4      127    7.2   116.7      194    7.7   106.6
 61    6.3   129.6      128    7.0   115.9      195    8.1   110.1
 62    6.0   129.3      129    6.7   114.8      196    8.0   106.0
 63    5.7   127.9      130    6.6   114.2      197    7.8   101.7
 64    6.0   126.0      131    6.5   113.5      198    7.9   100.4
 65    6.1   125.7      132    6.2   112.2
 66    5.7   125.4      133    6.3   113.2
```

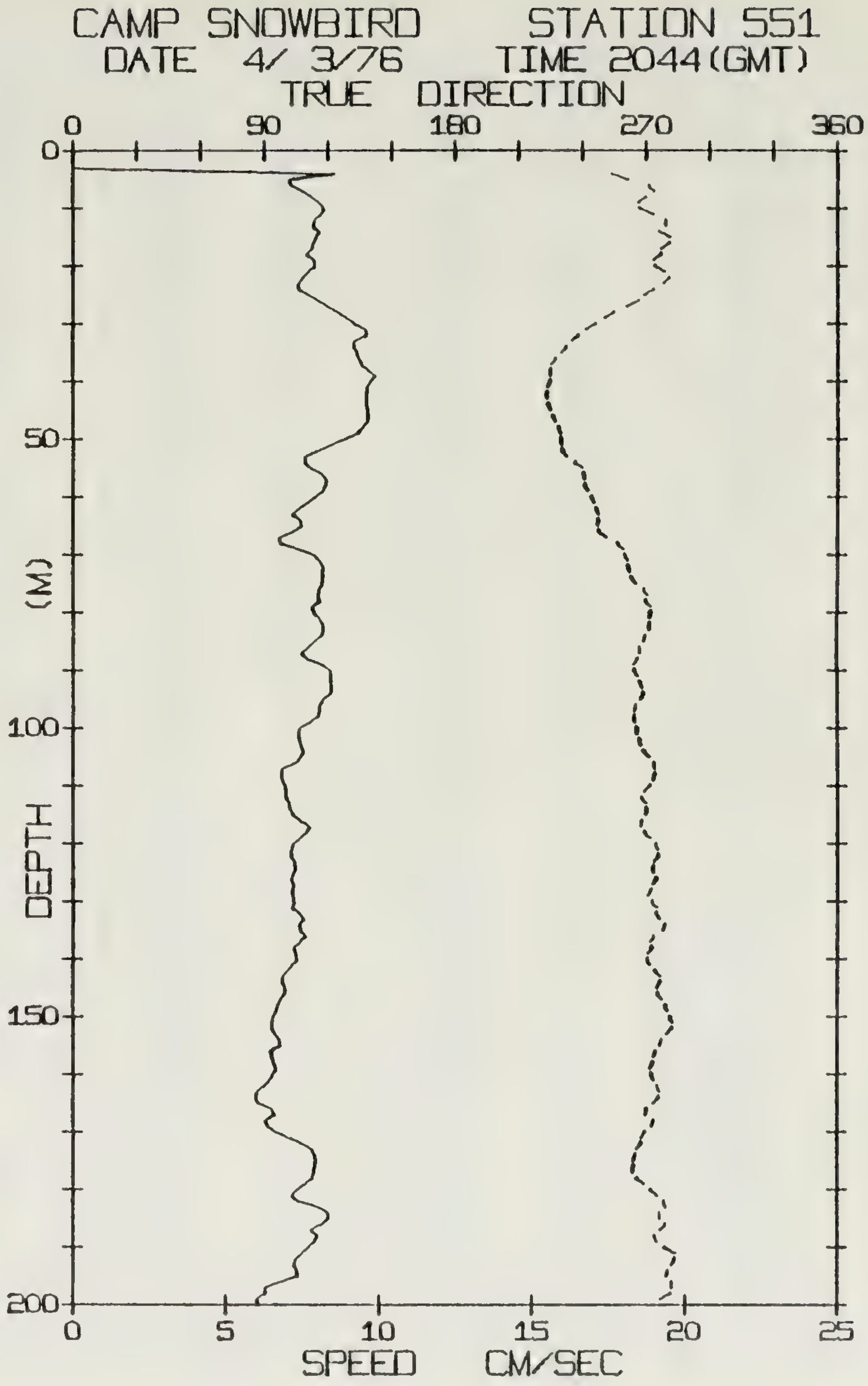

CAMP SNOWBIRD STATION 509
DATE 9/ 2/76 TIME 728(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 541
DATE 27/ 2/76 TIME 652(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 509     (198M.)      9/FEB/76       728 GMT
LAT= 73 7238N  LONG= 144.8531W  LTER=     1.   LGER=     2.
NIVEL=  -4 3   EIVEL=    5.3    NVER=     0.   EVER=     0.

DPT   SPD    DRN        DPT   SPD    DRN        DPT   SPD    DRN
  0   0.0  999.9         67   3.9  124.9        134   3.5  111.8
  1   0.0  999.9         68   3.7  128.1        135   3.3  107.9
  2   0.0  999.9         69   3.5  131.2        136   3.2  100.2
  3   0.0  999.9         70   3.5  134.9        137   3.1   94.7
  4   4.2  137.6         71   3.7  138.2        138   3.1   92.0
  5   2.7  136.4         72   3.9  138.5        139   3.1   93.2
  6   1.3  148.4         73   4.1  136.3        140   3.2   96.0
  7   1.2  143.2         74   4.3  132.6        141   3.5   97.8
  8   1.1  130.0         75   4.4  131.7        142   3.6   99.2
  9   1.2  118.1         76   4.3  129.8        143   3.6   98.0
 10   1.3  110.5         77   4.5  127.4        144   3.4   94.6
 11   1.4  102.1         78   4.8  123.9        145   3.4   91.7
 12   1.5  101.5         79   5.1  122.6        146   3.3   91.8
 13   1.5  104.6         80   5.1  122.3        147   3.2   93.5
 14   1.5  106.2         81   5.1  122.8        148   3.2   92.8
 15   1.6  104.1         82   5.1  123.5        149   3.0   88.8
 16   1.6  105.0         83   5.1  123.7        150   3.0   87.1
 17   1.5  111.1         84   5.1  124.0        151   3.0   86.4
 18   1.4  112.7         85   5.0  124.7        152   2.9   85.3
 19   1.3  121.3         86   5.0  125.4        153   2.8   82.6
 20   1.1  132.4         87   4.5  124.4        154   2.6   86.6
 21   1.1  135.4         88   4.0  124.4        155   2.5   93.9
 22   1.3  135.3         89   3.7  126.1        156   2.7   99.1
 23   1.2  135.4         90   3.5  127.2        157   2.9  103.5
 24   1.1  136.4         91   3.4  127.2        158   2.9  108.8
 25   0.9  137.4         92   3.4  126.3        159   3.1  110.6
 26   1.0  137.8         93   3.5  125.4        160   3.2  109.7
 27   1.1  138.7         94   3.7  123.3        161   3.3  105.9
 28   1.4  136.2         95   3.8  121.4        162   3.2  103.5
 29   1.9  133.9         96   3.6  118.6        163   3.1  101.8
 30   2.4  132.8         97   3.4  116.3        164   3.0  100.2
 31   2.9  133.8         98   3.6  116.2        165   3.0   99.5
 32   3.3  135.6         99   3.5  115.6        166   3.0  100.5
 33   3.6  137.6        100   3.3  114.1        167   3.1  103.4
 34   3.8  142.2        101   3.1  112.1        168   3.3  107.7
 35   3.7  147.4        102   2.9  109.2        169   3.5  109.9
 36   3.6  155.5        103   2.7  104.7        170   3.9  110.6
 37   3.5  164.3        104   2.5   99.4        171   4.0  112.6
 38   3.4  172.6        105   2.3   93.5        172   4.1  110.4
 39   3.3  180.0        106   2.1   87.0        173   4.1  105.8
 40   3.3  174.4        107   1.9   88.3        174   4.2  101.3
 41   3.4  157.4        108   1.9   92.2        175   4.3   99.9
 42   3.6  145.7        109   2.0   99.8        176   4.2   96.6
 43   3.6  140.2        110   2.3  105.6        177   4.3   93.6
 44   3.4  137.4        111   2.6  109.8        178   4.4   92.6
 45   3.0  138.5        112   2.8  111.9        179   4.3   92.8
 46   2.8  140.8        113   3.0  113.5        180   4.1   94.2
 47   3.0  142.2        114   3.1  115.2        181   3.9   97.4
 48   3.2  140.9        115   3.3  117.4        182   3.8  100.5
 49   3.5  137.0        116   3.4  118.8        183   3.7  101.3
 50   3.6  130.7        117   3.5  119.2        184   3.7  104.6
 51   3.7  127.3        118   3.6  119.2        185   3.7  105.3
 52   3.6  127.8        119   3.6  119.4        186   3.7  102.7
 53   3.5  128.9        120   3.7  119.8        187   3.9  105.9
 54   3.3  130.6        121   3.7  117.4        188   4.3  105.1
 55   3.2  133.3        122   3.6  116.5        189   4.4  101.9
 56   3.3  136.4        123   3.4  115.0        190   4.4   98.2
 57   3.5  135.5        124   3.0  110.8        191   4.3   95.5
 58   3.6  133.6        125   2.8  104.0        192   4.0   92.9
 59   3.5  133.3        126   2.6   98.3        193   3.6   88.2
 60   3.4  133.5        127   2.5   96.9        194   3.2   80.6
 61   3.4  133.2        128   2.6   97.9        195   2.6   79.8
 62   3.4  132.6        129   2.7  100.3        196   2.3   84.0
 63   3.5  128.2        130   2.9  104.4        197   2.3   84.7
 64   3.6  123.6        131   3.1  107.7        198   2.6   87.9
 65   3.8  120.5        132   3.3  110.3
 66   3.9  122.0        133   3.5  112.6
```

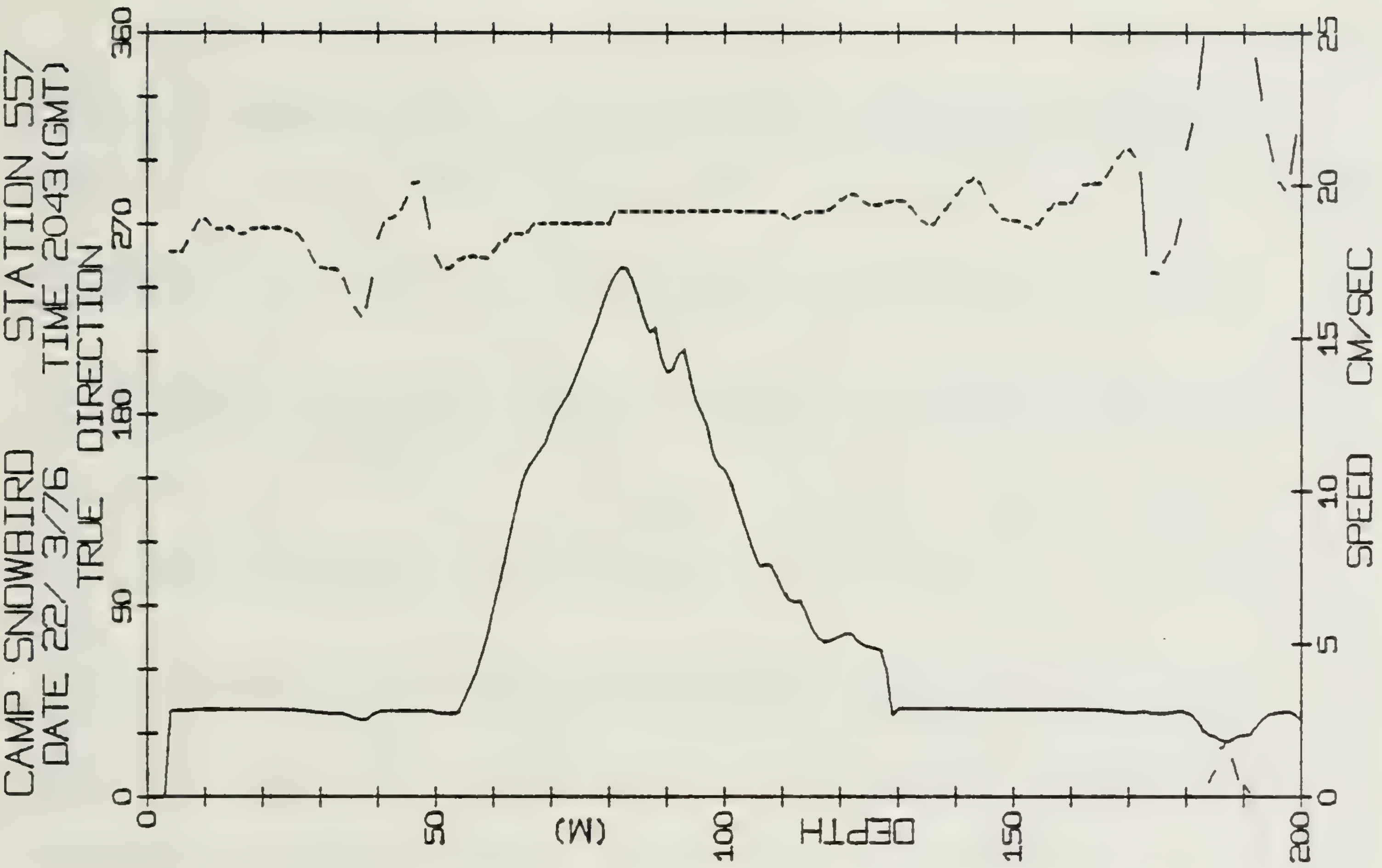
```
SNOWBIRD STATION 541     (200M.)     27/FEB/76       652 GMT
LAT= 73.7373N  LONG= 144.7206W  LTER=     0.   LGER=     0.
NIVEL=  11.9   EIVEL=    4.0    NVER=     0.   EVER=     0.

DPT   SPD    DRN        DPT   SPD    DRN        DPT   SPD    DRN
  0   0.0  999.9         67   9.6   11.2        134   5.9  358.4
  1   0.0  999.9         68   9.2   10.7        135   6.1  353.9
  2   0.0  999.9         69   8.8    9.5        136   6.2  352.1
  3   0.0  999.9         70   8.3    7.9        137   6.2  352.5
  4  15.2   16.4         71   8.2    7.3        138   6.3  354.2
  5  15.6   18.7         72   8.0    6.7        139   6.4  355.6
  6  12.8   19.0         73   7.8    7.0        140   6.5  358.7
  7  12.8   12.4         74   7.8    7.9        141   6.4    3.5
  8  12.8   14.0         75   7.8    8.0        142   6.4    4.9
  9  12.9   15.9         76   7.8    7.8        143   6.6    5.2
 10  12.7   17.3         77   7.6    7.3        144   7.1    6.2
 11  12.5   19.4         78   7.5    6.8        145   7.5    6.9
 12  12.1   21.6         79   7.3    6.5        146   7.4    6.5
 13  11.6   24.4         80   7.2    6.0        147   7.1    5.4
 14  10.5   28.9         81   7.0    5.1        148   6.8    3.6
 15   9.1   32.9         82   7.0    2.4        149   6.6    2.6
 16   7.8   33.6         83   6.8    1.2        150   6.5    2.4
 17   6.6   27.9         84   6.6    0.3        151   6.5    2.3
 18   6.3   22.5         85   6.6    2.9        152   6.5    2.5
 19   6.5   21.7         86   6.7    3.7        153   6.8    2.5
 20   6.7   21.7         87   6.8    4.1        154   6.7    0.5
 21   6.6   21.3         88   6.8    4.0        155   6.4  358.4
 22   6.2   20.9         89   6.6    5.6        156   6.4    0.1
 23   5.6   19.0         90   6.6    5.3        157   6.6    1.9
 24   5.4   15.1         91   6.6    5.7        158   6.7    2.3
 25   5.5   15.3         92   6.8    6.3        159   6.6    2.0
 26   5.6   15.8         93   6.9    6.5        160   6.5    1.3
 27   5.2   14.7         94   6.6    5.6        161   6.3    0.5
 28   4.9   12.4         95   6.4    4.4        162   6.3    0.3
 29   4.8   13.9         96   6.2    3.0        163   6.3    0.3
 30   4.8   20.9         97   6.3    2.2        164   6.4    0.7
 31   6.0   32.3         98   6.5    2.2        165   6.4    0.6
 32   8.2   30.6         99   6.7    3.1        166   6.1  359.2
 33   9.7   26.5        100   6.6    2.6        167   5.9  356.3
 34  10.8   20.2        101   6.4    1.7        168   5.7  353.6
 35  11.9   16.9        102   6.3    1.4        169   5.8  354.3
 36  12.6   16.6        103   6.6  357.7        170   6.0  355.0
 37  13.4   15.6        104   6.5  356.2        171   6.1  356.3
 38  13.8   16.1        105   6.4  355.7        172   6.1  355.9
 39  14.3   16.8        106   6.5  356.5        173   6.1  356.1
 40  14.5   17.0        107   6.7  358.0        174   6.3  358.1
 41  14.9   17.7        108   6.8  358.8        175   6.4  358.8
 42  15.2   21.2        109   6.7  357.9        176   6.5  359.2
 43  15.1   21.9        110   6.6  357.3        177   6.7    0.4
 44  15.0   22.4        111   6.6  357.3        178   6.7    0.2
 45  14.9   22.8        112   6.6  357.6        179   6.7    0.3
 46  14.8   23.2        113   6.5  356.1        180   6.6  359.8
 47  14.8   23.2        114   6.2  353.5        181   6.8  359.9
 48  14.8   23.1        115   5.9  351.2        182   6.9  358.3
 49  14.7   23.5        116   5.4  348.8        183   6.6  356.3
 50  14.5   23.5        117   5.3  348.0        184   6.2  352.6
 51  14.3   23.0        118   5.5  350.6        185   6.1  351.4
 52  14.0   21.8        119   5.8  353.1        186   6.1  351.1
 53  13.7   19.5        120   5.7  352.6        187   6.2  351.8
 54  13.0   17.4        121   5.6  351.1        188   6.3  353.6
 55  11.6   17.7        122   5.5  349.9        189   6.5  354.9
 56  11.3   18.9        123   5.5  350.5        190   6.6  355.8
 57  11.2   19.8        124   5.6  351.6        191   6.5  354.8
 58  11.2   20.1        125   5.6  351.4        192   6.4  353.7
 59  10.8   18.1        126   5.5  350.9        193   6.4  354.3
 60  10.8   16.9        127   5.0  354.4        194   6.3  352.7
 61  10.8   15.9        128   5.1  356.4        195   6.2  351.5
 62  10.8   15.8        129   5.2  357.7        196   6.2  352.1
 63  10.8   15.9        130   5.6  357.2        197   6.3  353.1
 64  10.3   14.1        131   5.9  358.1        198   6.2  351.8
 65  10.2   12.6        132   6.0  358.6        199   5.9  349.7
 66   9.9   11.2        133   6.0  358.8        200   5.8  349.6
```

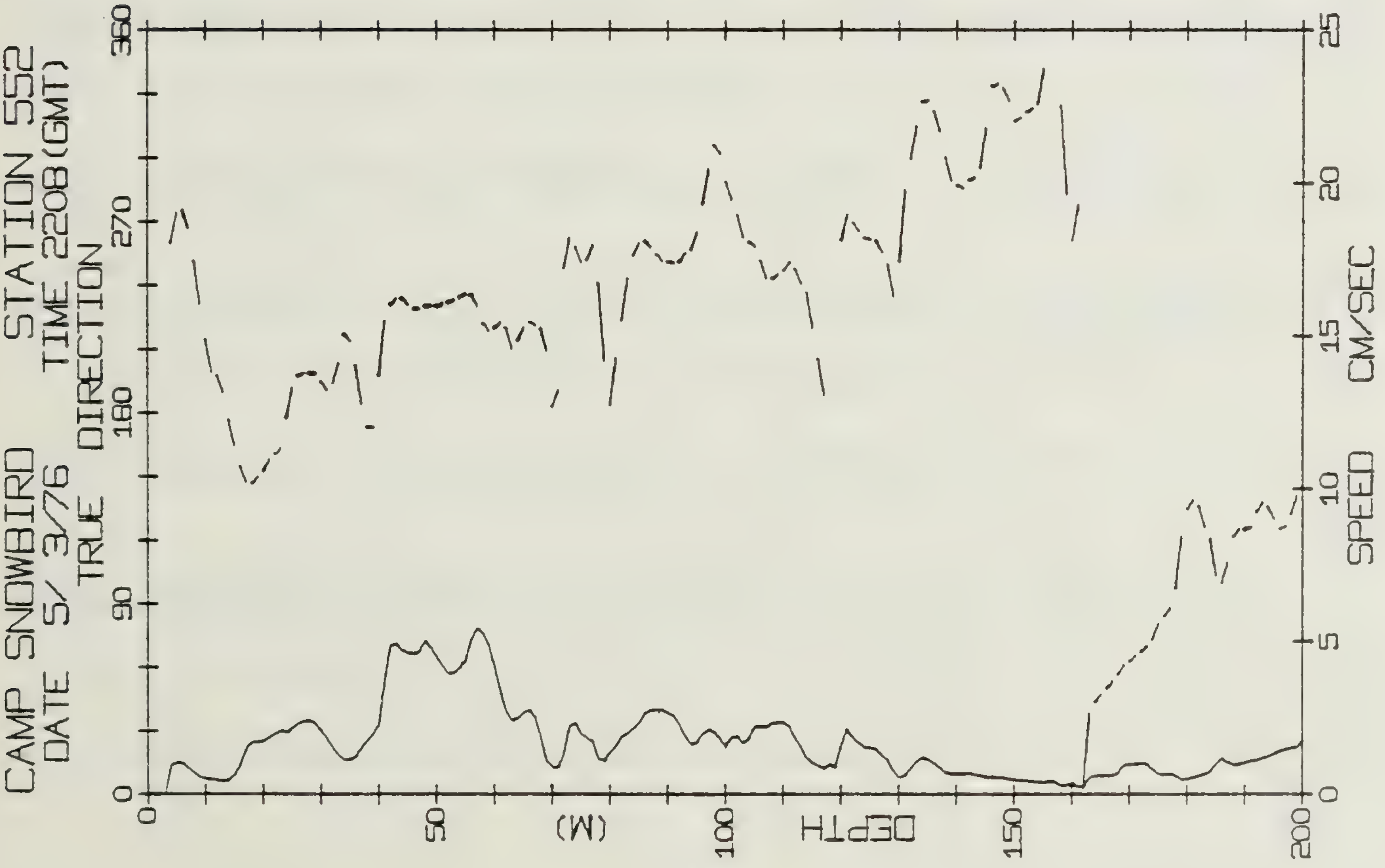

CAMP SNOWBIRD STATION 545
DATE 29/ 2/76 TIME 601(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 551
DATE 4/ 3/76 TIME 2044(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
100
150
200
DEPTH (M)
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 545     (200M.)      29/FEB/76        601 GMT
LAT= 73.7547N  LONG= 144.6815W  LTER=      0   LCER=      0.
NIVEL=    7.7  EIVEL=  -0.3     NVER=     0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    3.9   343.7      134    6.2   356.0
  1    0.0   999.9       68    4.1   345.8      135    6.2   355.4
  2    0.0   999.9       69    4.6   349.4      136    6.2   355.3
  3    0.0   999.9       70    4.7   352.1      137    6.2   355.4
  4    4.4    40.3       71    4.7   354.0      138    6.2   355.6
  5    4.1    38.8       72    4.7   355.3      139    6.2   355.9
  6    3.9    35.2       73    4.7   356.9      140    6.2   356.4
  7    3.9    32.3       74    4.9   357.0      141    6.2   356.7
  8    3.9    28.8       75    4.8   356.1      142    6.2   356.9
  9    3.8    24.4       76    4.5   353.9      143    6.2   356.6
 10    3.8    21.0       77    4.8   352.9      144    6.2   356.0
 11    3.5    22.6       78    5.2   352.4      145    6.2   355.3
 12    3.4    25.2       79    5.3   351.8      146    6.3   354.5
 13    3.2    30.4       80    5.2   351.5      147    6.3   353.8
 14    3.1    33.5       81    5.0   351.3      148    6.3   353.4
 15    3.1    32.5       82    4.9   351.3      149    6.3   353.2
 16    2.9    27.1       83    4.7   350.8      150    6.3   353.0
 17    2.9    19.4       84    4.5   349.3      151    6.4   352.7
 18    2.9    10.4       85    4.3   345.5      152    6.4   352.1
 19    2.9   359.8       86    4.2   341.6      153    6.4   351.7
 20    2.7   354.0       87    4.5   341.8      154    6.4   351.4
 21    2.4   349.3       88    4.8   344.1      155    6.4   351.7
 22    2.4   343.0       89    5.2   347.5      156    6.4   352.1
 23    2.6   337.7       90    5.6   350.3      157    6.4   352.7
 24    2.7   332.6       91    6.0   352.5      158    6.3   353.1
 25    2.7   328.6       92    6.3   353.6      159    6.3   353.3
 26    2.5   326.0       93    6.3   353.6      160    6.3   353.1
 27    2.5   323.7       94    6.3   353.6      161    6.3   352.8
 28    2.4   321.7       95    6.3   353.5      162    6.4   352.6
 29    2.3   324.1       96    6.3   353.4      163    6.4   352.6
 30    2.1   329.0       97    6.3   353.3      164    6.4   352.7
 31    2.0   333.1       98    6.3   353.4      165    6.3   352.9
 32    2.0   336.1       99    5.7   352.0      166    6.3   353.2
 33    2.1   337.0      100    5.3   351.5      167    6.3   353.3
 34    2.2   337.4      101    5.0   351.8      168    6.3   353.3
 35    2.3   337.6      102    4.7   352.2      169    6.3   353.1
 36    2.1   330.9      103    5.4   354.8      170    6.3   352.8
 37    2.2   329.4      104    6.0   355.9      171    6.4   352.7
 38    2.0   314.2      105    5.9   355.7      172    6.3   352.9
 39    1.7   297.6      106    5.3   355.1      173    6.3   353.3
 40    1.8   316.3      107    4.6   354.8      174    6.3   353.2
 41    1.9   328.7      108    4.1   354.0      175    6.3   353.3
 42    1.4   327.7      109    4.1   353.4      176    6.3   353.7
 43    1.0   332.1      110    4.3   353.3      177    6.3   354.4
 44    0.8   332.5      111    4.4   353.1      178    6.3   355.0
 45    1.3   320.7      112    4.6   353.2      179    6.3   355.1
 46    1.9   315.6      113    4.5   353.8      180    6.3   354.9
 47    2.2   319.6      114    4.4   354.5      181    5.5   352.8
 48    2.4   324.8      115    4.1   354.8      182    5.0   352.3
 49    2.7   329.2      116    4.0   353.3      183    4.9   353.2
 50    3.0   331.0      117    4.1   351.6      184    4.6   355.1
 51    3.3   327.2      118    4.1   350.8      185    3.6   359.2
 52    3.1   323.1      119    4.3   351.2      186    4.4     2.1
 53    2.9   318.8      120    4.0   350.3      187    5.7     1.0
 54    3.2   324.9      121    3.8   349.4      188    6.3   359.9
 55    3.4   330.1      122    4.6   352.5      189    6.3   359.9
 56    3.7   334.6      123    5.1   354.1      190    6.3     0.2
 57    3.8   335.5      124    6.3   356.6      191    6.3     0.6
 58    3.6   333.1      125    6.2   357.2      192    6.3     1.3
 59    3.5   330.5      126    6.2   357.7      193    6.4     1.9
 60    3.9   337.2      127    6.2   357.6      194    6.3     1.6
 61    4.4   342.5      128    6.2   357.0      195    6.3   360.0
 62    4.6   344.5      129    6.2   356.8      196    6.2   357.9
 63    4.4   345.4      130    6.2   356.9      197    6.2   357.5
 64    4.2   346.0      131    6.2   357.0      198    6.3     0.5
 65    4.1   345.1      132    6.2   356.8      199    6.7     6.7
 66    3.9   343.9      133    6.2   356.4      200    7.6     8.9
```

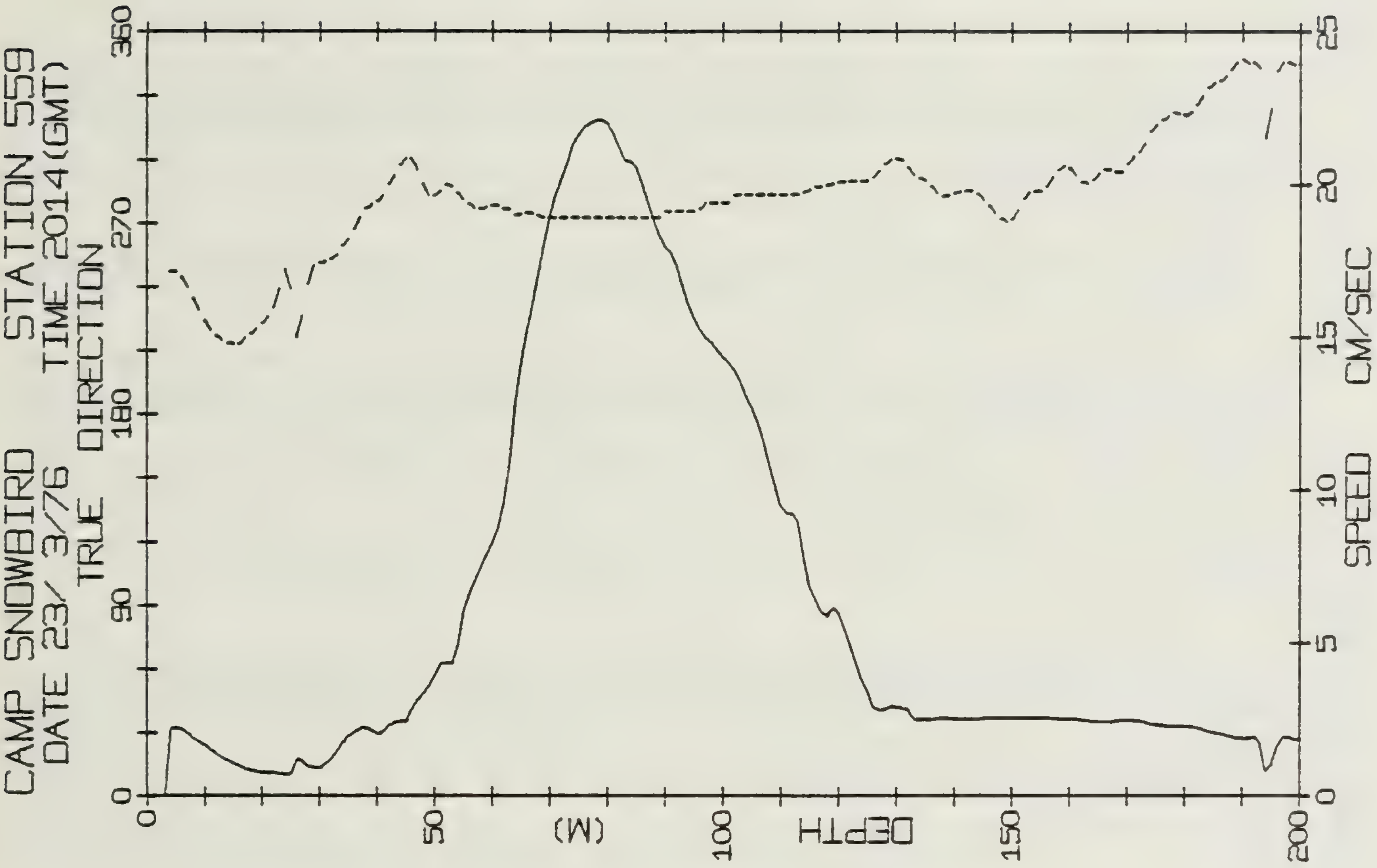
```
SNOWBIRD STATION 551     (200M.)       4/MAR/76       2044 GMT
LAT= 73.7584N  LONG= 145.1014W  LTER=     1.   LGER=      1.
NIVEL=   -6.4  EIVEL= -11.8     NVER=     0.   EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    6.8   250.8      134    7.4   278.7
  1    0.0   999.9       68    6.8   256.4      135    7.5   277.8
  2    0.0   999.9       69    7.4   258.4      136    7.6   273.6
  3    0.0   999.9       70    7.9   260.0      137    7.4   271.8
  4    8.6   253.8       71    8.1   261.0      138    7.2   272.5
  5    7.1   261.0       72    8.2   261.4      139    7.3   270.9
  6    7.1   271.1       73    8.1   262.2      140    7.3   270.3
  7    7.5   273.3       74    8.1   263.1      141    7.2   271.9
  8    7.8   269.9       75    8.1   265.1      142    7.0   274.1
  9    8.1   266.1       76    8.0   268.6      143    6.9   276.4
 10    8.2   267.1       77    8.0   270.5      144    6.9   276.2
 11    8.1   273.1       78    8.1   269.6      145    7.0   274.8
 12    7.9   279.0       79    7.8   272.0      146    6.9   275.5
 13    7.8   278.9       80    7.9   271.8      147    6.8   277.3
 14    8.1   276.3       81    8.1   271.1      148    6.7   278.7
 15    7.9   280.9       82    8.2   271.3      149    6.6   279.9
 16    7.8   280.9       83    8.2   271.1      150    6.6   281.1
 17    7.8   277.0       84    8.1   269.3      151    6.5   282.4
 18    7.6   276.6       85    7.9   268.4      152    6.5   281.8
 19    7.9   273.3       86    7.7   266.9      153    6.6   279.5
 20    7.9   274.0       87    7.5   266.9      154    6.8   277.0
 21    7.7   278.3       88    7.6   265.8      155    6.8   276.1
 22    7.5   280.5       89    8.2   263.8      156    6.4   274.4
 23    7.4   278.0       90    8.4   264.4      157    6.5   273.2
 24    7.4   273.5       91    8.4   265.9      158    6.6   272.4
 25    7.7   269.0       92    8.4   267.2      159    6.6   271.6
 26    8.0   266.6       93    8.5   268.2      160    6.5   272.6
 27    8.3   260.8       94    8.4   268.7      161    6.4   273.6
 28    8.7   254.6       95    8.2   267.1      162    6.2   275.2
 29    9.0   250.5       96    8.1   265.0      163    6.0   276.2
 30    9.2   246.0       97    8.1   264.2      164    6.0   275.4
 31    9.6   241.7       98    8.0   264.4      165    6.1   273.4
 32    9.6   238.1       99    7.8   264.9      166    6.5   270.1
 33    9.2   234.6      100    7.4   265.7      167    6.6   269.3
 34    9.2   232.1      101    7.4   265.6      168    6.3   273.1
 35    9.3   229.9      102    7.4   266.8      169    6.4   272.3
 36    9.4   227.2      103    7.5   267.5      170    6.6   269.3
 37    9.5   225.2      104    7.5   268.9      171    7.1   267.5
 38    9.7   224.5      105    7.4   271.5      172    7.5   267.0
 39    9.9   224.7      106    7.3   273.5      173    7.8   265.4
 40    9.7   224.3      107    6.9   274.1      174    7.9   264.3
 41    9.6   223.2      108    6.8   273.8      175    7.9   263.5
 42    9.6   222.6      109    6.9   272.9      176    7.9   263.2
 43    9.6   223.2      110    7.0   271.5      177    7.9   263.6
 44    9.6   224.0      111    7.0   269.1      178    7.8   265.5
 45    9.6   224.9      112    7.0   267.8      179    7.6   268.8
 46    9.7   226.1      113    7.1   269.8      180    7.3   271.9
 47    9.6   227.3      114    7.1   270.3      181    7.2   275.1
 48    9.5   228.6      115    7.2   269.5      182    7.3   278.0
 49    9.3   229.7      116    7.4   267.8      183    8.0   279.2
 50    8.9   230.1      117    7.7   267.2      184    8.3   276.3
 51    8.4   230.1      118    7.7   269.1      185    8.3   276.6
 52    8.0   230.5      119    7.4   271.7      186    8.2   278.9
 53    7.6   232.4      120    7.2   274.5      187    7.8   276.8
 54    7.6   236.5      121    7.1   275.5      188    8.0   274.0
 55    7.8   239.6      122    7.1   275.8      189    7.9   275.1
 56    8.1   240.8      123    7.3   273.8      190    7.7   278.5
 57    8.3   241.2      124    7.3   272.9      191    7.5   283.2
 58    8.3   241.4      125    7.2   273.5      192    7.3   283.5
 59    8.1   242.5      126    7.1   274.8      193    7.2   281.8
 60    7.9   244.1      127    7.2   273.0      194    7.3   280.0
 61    7.6   245.6      128    7.2   272.1      195    7.4   279.2
 62    7.4   246.7      129    7.2   270.7      196    6.8   281.7
 63    7.2   247.4      130    7.2   272.8      197    6.3   281.9
 64    7.4   247.0      131    7.2   274.8      198    6.3   281.3
 65    7.5   246.8      132    7.4   274.9      199    6.0   276.7
 66    7.2   247.7      133    7.6   276.3      200    6.1   274.7
```

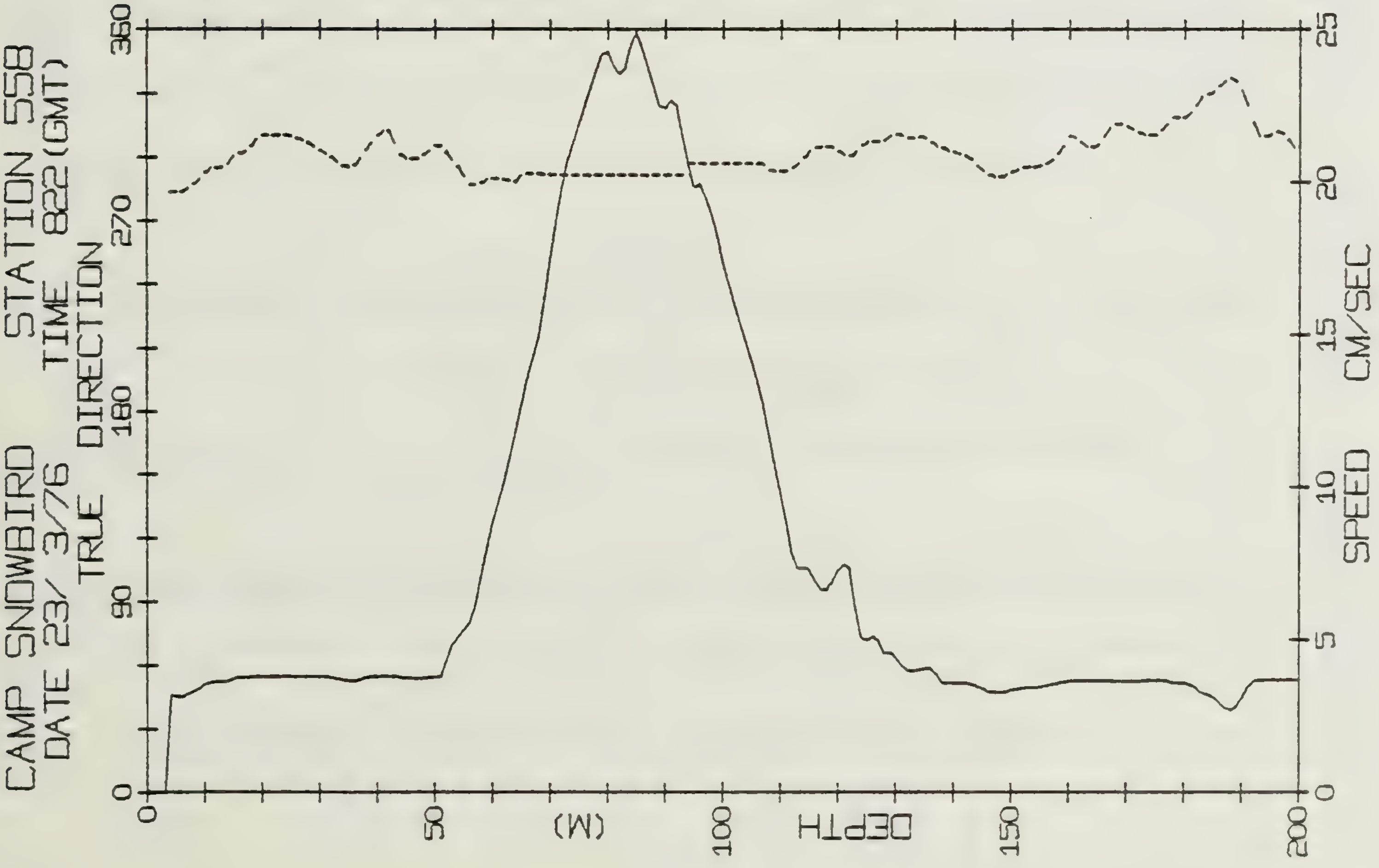

CAMP SNOWBIRD STATION 557
DATE 22/ 3/76 TIME 2043(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 552
DATE 5/ 3/76 TIME 2208(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 552     (200M.)       5/MAR/76      2208 GMT
LAT= 73.7239N  LONG= 145.1243W  LTER=     1   LGER=      1.
NIVEL=   -2.2   EIVEL=    2.0   NVER=     0.  EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67    2.5  221.2       134    1.2  326.4
  1    0.0  999.9        68    1.9  219.4       135    1.1  327.1
  2    0.0  999.9        69    1.1  209.6       136    1.0  321.9
  3    0.0  999.9        70    0.9  183.0       137    0.9  312.8
  4    0.9  260.1        71    0.9  190.4       138    0.7  300.1
  5    1.0  273.9        72    1.3  248.2       139    0.7  289.7
  6    1.0  274.9        73    2.3  262.2       140    0.7  287.2
  7    0.8  266.7        74    2.3  258.2       141    0.7  285.8
  8    0.7  251.3        75    2.0  251.2       142    0.7  289.5
  9    0.6  231.5        76    1.8  252.5       143    0.6  290.8
 10    0.5  214.5        77    1.7  258.9       144    0.6  295.7
 11    0.5  199.6        78    1.2  241.0       145    0.5  313.7
 12    0.4  197.8        79    1.1  204.8       146    0.5  333.7
 13    0.4  189.9        80    1.4  183.9       147    0.5  334.8
 14    0.5  176.7        81    1.6  205.9       148    0.5  332.6
 15    0.6  164.7        82    1.9  223.6       149    0.5  326.8
 16    1.0  154.6        83    2.0  242.9       150    0.5  317.5
 17    1.5  147.5        84    2.1  254.3       151    0.4  319.1
 18    1.7  146.6        85    2.3  259.8       152    0.4  321.6
 19    1.7  149.4        86    2.6  260.8       153    0.4  323.4
 20    1.8  152.6        87    2.8  258.2       154    0.4  325.5
 21    1.9  157.5        88    2.8  254.7       155    0.4  341.7
 22    2.0  160.8        89    2.7  251.7       156    0.4    1.1
 23    2.1  162.6        90    2.7  250.8       157    0.4  359.4
 24    2.0  177.8        91    2.6  250.1       158    0.3  324.4
 25    2.2  191.4        92    2.3  251.4       159    0.3  283.2
 26    2.3  197.4        93    1.9  255.4       160    0.4  261.4
 27    2.4  198.7        94    1.6  256.9       161    0.3  277.6
 28    2.4  198.9        95    1.7  264.8       162    0.2    2.8
 29    2.3  198.5        96    2.0  278.5       163    0.5   37.7
 30    2.1  194.6        97    2.1  294.3       164    0.6   43.6
 31    1.8  190.9        98    2.0  305.6       165    0.6   46.7
 32    1.5  193.7        99    1.8  302.2       166    0.6   49.9
 33    1.3  203.4       100    1.5  288.9       167    0.6   53.0
 34    1.1  216.8       101    1.9  280.6       168    0.7   56.8
 35    1.1  213.9       102    1.9  273.2       169    1.0   60.7
 36    1.2  202.0       103    1.7  262.8       170    1.0   63.1
 37    1.5  184.2       104    1.8  260.3       171    1.0   65.2
 38    1.8  173.5       105    2.2  258.5       172    1.0   67.4
 39    2.0  172.9       106    2.2  251.8       173    1.0   69.7
 40    2.3  197.8       107    2.2  243.6       174    0.8   73.4
 41    3.7  223.5       108    2.3  243.1       175    0.6   80.3
 42    4.9  231.2       109    2.4  245.0       176    0.7   84.2
 43    4.9  233.7       110    2.3  246.9       177    0.7   87.5
 44    4.7  234.1       111    2.2  250.6       178    0.6   97.5
 45    4.6  231.3       112    1.9  247.7       179    0.5  121.7
 46    4.6  229.3       113    1.6  241.1       180    0.5  134.5
 47    4.7  229.0       114    1.2  236.8       181    0.6  138.7
 48    5.0  230.3       115    1.0  220.4       182    0.6  135.9
 49    4.8  230.3       116    0.9  205.5       183    0.7  126.3
 50    4.5  230.2       117    0.8  188.6       184    0.7  120.5
 51    4.2  231.5       118    1.0  176.3       185    1.0  103.2
 52    4.0  232.4       119    0.9  223.6       186    1.2   99.6
 53    4.0  233.3       120    1.6  261.5       187    1.0  109.0
 54    4.2  234.7       121    2.1  273.2       188    1.0  121.7
 55    4.4  236.3       122    1.9  269.5       189    1.0  125.0
 56    5.1  235.4       123    1.7  265.8       190    1.1  125.2
 57    5.4  230.6       124    1.5  262.3       191    1.1  126.2
 58    5.3  222.2       125    1.5  261.4       192    1.1  133.2
 59    4.9  219.0       126    1.5  260.6       193    1.2  137.3
 60    4.2  220.0       127    1.3  255.8       194    1.2  135.4
 61    3.4  222.3       128    1.1  249.8       195    1.3  130.0
 62    2.7  219.8       129    0.8  235.3       196    1.4  125.4
 63    2.4  210.5       130    0.5  251.5       197    1.5  126.4
 64    2.5  214.2       131    0.6  284.8       198    1.5  132.0
 65    2.7  219.9       132    0.8  299.6       199    1.5  140.8
 66    2.8  222.8       133    1.1  315.0       200    1.8  154.7
```

```
SNOWBIRD STATION 557     (200M.)      22/MAR/76      2043 GMT
LAT= 73.3676N  LONG= 145.4080W  LTER=     0.  LGER=      1.
NIVEL=    0.1   EIVEL=   -0.7   NVER=     0.  EVER=      0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   11.1  270.0       134    2.9  271.5
  1    0.0  999.9        68   11.3  269.9       135    2.9  269.7
  2    0.0  999.9        69   11.6  270.0       136    2.9  269.9
  3    0.0  999.9        70   12.1  270.1       137    2.9  273.0
  4    2.8  256.8        71   12.6  270.1       138    2.9  276.4
  5    2.8  257.0        72   12.9  270.2       139    2.9  279.8
  6    2.8  257.1        73   13.2  270.2       140    2.9  283.5
  7    2.8  261.4        74   13.6  270.2       141    2.9  286.7
  8    2.9  267.1        75   14.1  270.3       142    2.9  289.6
  9    2.9  271.6        76   14.6  270.3       143    2.9  291.4
 10    2.9  272.3        77   15.1  270.3       144    2.9  289.6
 11    2.9  269.6        78   15.6  270.3       145    2.9  284.5
 12    2.9  267.8        79   16.2  270.3       146    2.9  279.1
 13    2.9  267.8        80   16.7  270.2       147    2.9  275.5
 14    2.9  268.4        81   17.1  275.6       148    2.9  272.4
 15    2.9  266.9        82   17.3  275.6       149    2.9  271.5
 16    2.9  265.1        83   17.3  275.6       150    2.9  271.2
 17    2.9  265.6        84   16.9  275.6       151    2.9  271.1
 18    2.9  267.5        85   16.4  275.6       152    2.9  269.0
 19    2.9  268.2        86   15.7  275.6       153    2.9  267.8
 20    2.9  268.1        87   15.2  275.6       154    2.9  269.7
 21    2.9  267.9        88   15.3  275.6       155    2.9  272.7
 22    2.9  267.8        89   14.3  275.6       156    2.9  276.4
 23    2.9  267.8        90   13.9  275.7       157    2.9  279.5
 24    2.9  267.2        91   14.0  275.8       158    2.9  279.9
 25    2.8  266.2        92   14.5  275.9       159    2.9  279.9
 26    2.8  264.8        93   14.6  275.9       160    2.9  280.4
 27    2.8  261.8        94   13.7  276.0       161    2.9  284.4
 28    2.8  257.4        95   13.0  276.1       162    2.9  288.3
 29    2.8  251.9        96   12.6  276.1       163    2.8  289.0
 30    2.7  249.6        97   12.1  276.0       164    2.8  288.9
 31    2.7  248.6        98   11.2  275.9       165    2.8  289.1
 32    2.7  248.7        99   10.8  275.9       166    2.8  292.3
 33    2.7  248.0       100   10.7  275.9       167    2.8  296.8
 34    2.7  243.9       101   10.3  275.8       168    2.8  301.3
 35    2.6  237.0       102    9.7  275.7       169    2.8  304.4
 36    2.5  230.2       103    9.1  275.6       170    2.8  305.0
 37    2.5  226.3       104    8.6  275.5       171    2.8  302.0
 38    2.5  230.7       105    8.0  275.5       172    2.8  294.2
 39    2.7  244.3       106    7.5  275.5       173    2.8  255.4
 40    2.8  263.1       107    7.6  275.4       174    2.7  247.1
 41    2.8  270.7       108    7.5  275.3       175    2.7  246.4
 42    2.8  272.4       109    7.2  275.3       176    2.8  251.9
 43    2.8  273.7       110    6.8  274.3       177    2.8  256.7
 44    2.8  276.6       111    6.5  272.2       178    2.8  260.5
 45    2.8  282.2       112    6.4  272.5       179    2.8  271.9
 46    2.8  288.8       113    6.4  274.3       180    2.7  305.5
 47    2.8  289.9       114    6.0  275.4       181    2.6  317.0
 48    2.8  282.4       115    5.5  275.5       182    2.4  334.2
 49    2.8  268.0       116    5.2  275.7       183    2.1  358.3
 50    2.8  254.7       117    5.1  275.8       184    2.0    7.1
 51    2.7  249.5       118    5.1  276.6       185    2.0   12.4
 52    2.7  248.5       119    5.2  278.5       186    1.8   23.0
 53    2.7  250.4       120    5.3  281.0       187    1.8   26.0
 54    2.8  252.8       121    5.4  283.1       188    1.9   17.8
 55    3.2  254.2       122    5.3  284.0       189    2.0    8.4
 56    3.7  254.7       123    5.1  282.9       190    2.0    5.3
 57    4.1  254.3       124    4.9  280.2       191    2.1    2.4
 58    4.7  253.8       125    4.9  278.8       192    2.3  347.9
 59    5.3  253.5       126    4.8  278.4       193    2.5  328.9
 60    6.2  256.7       127    4.8  279.4       194    2.7  312.0
 61    7.0  260.6       128    4.1  280.3       195    2.8  299.9
 62    7.8  262.0       129    2.7  281.0       196    2.8  289.9
 63    8.7  265.0       130    2.9  281.1       197    2.8  286.3
 64    9.5  265.0       131    2.9  280.3       198    2.8  294.0
 65   10.3  265.1       132    2.9  278.1       199    2.7  312.0
 66   10.8  266.4       133    2.9  274.7       200    2.5  329.2
```


CAMP SNOWBIRD STATION 559
DATE 23/ 3/76 TIME 2014(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

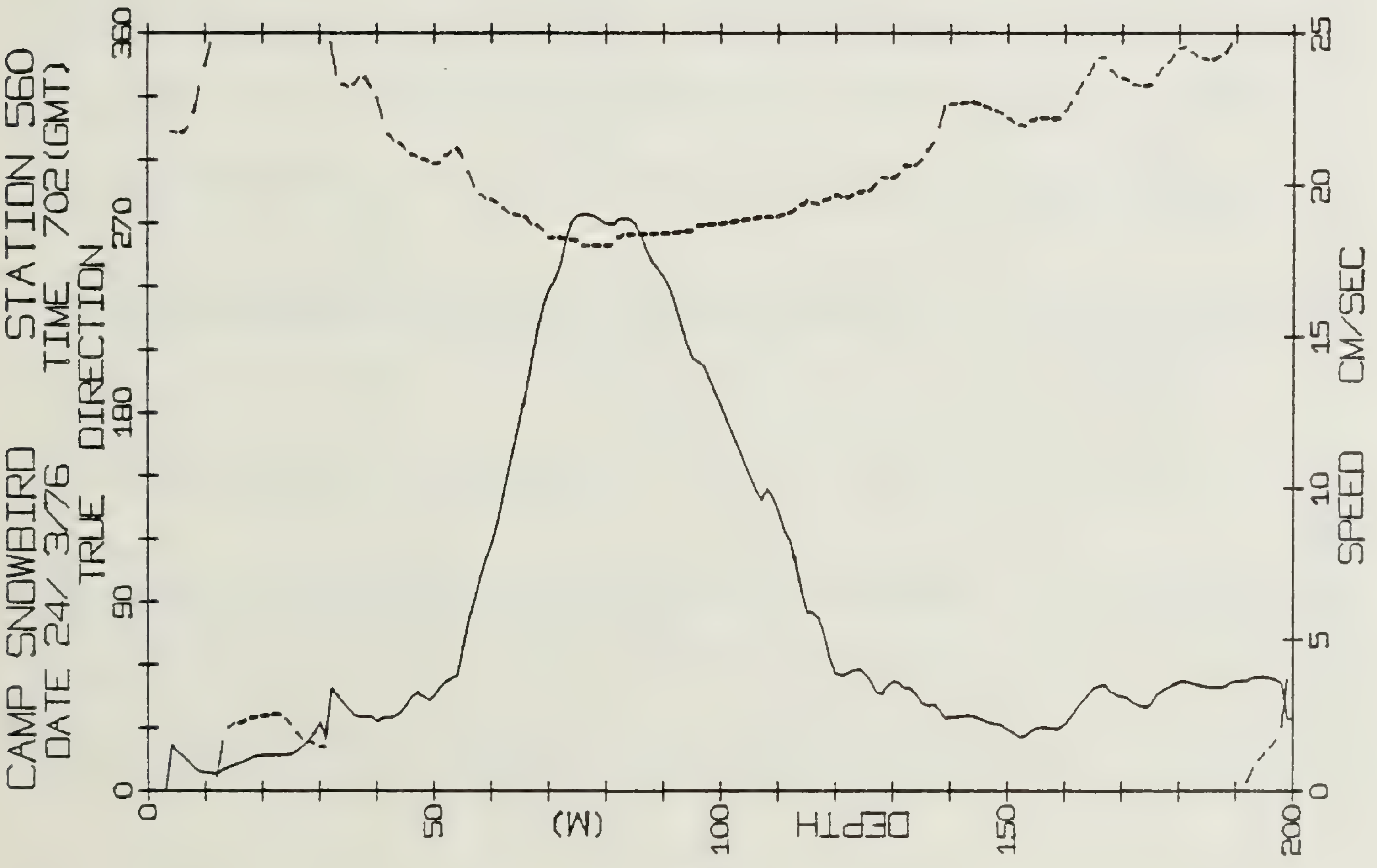

CAMP SNOWBIRD STATION 558
DATE 23/ 3/76 TIME 822(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

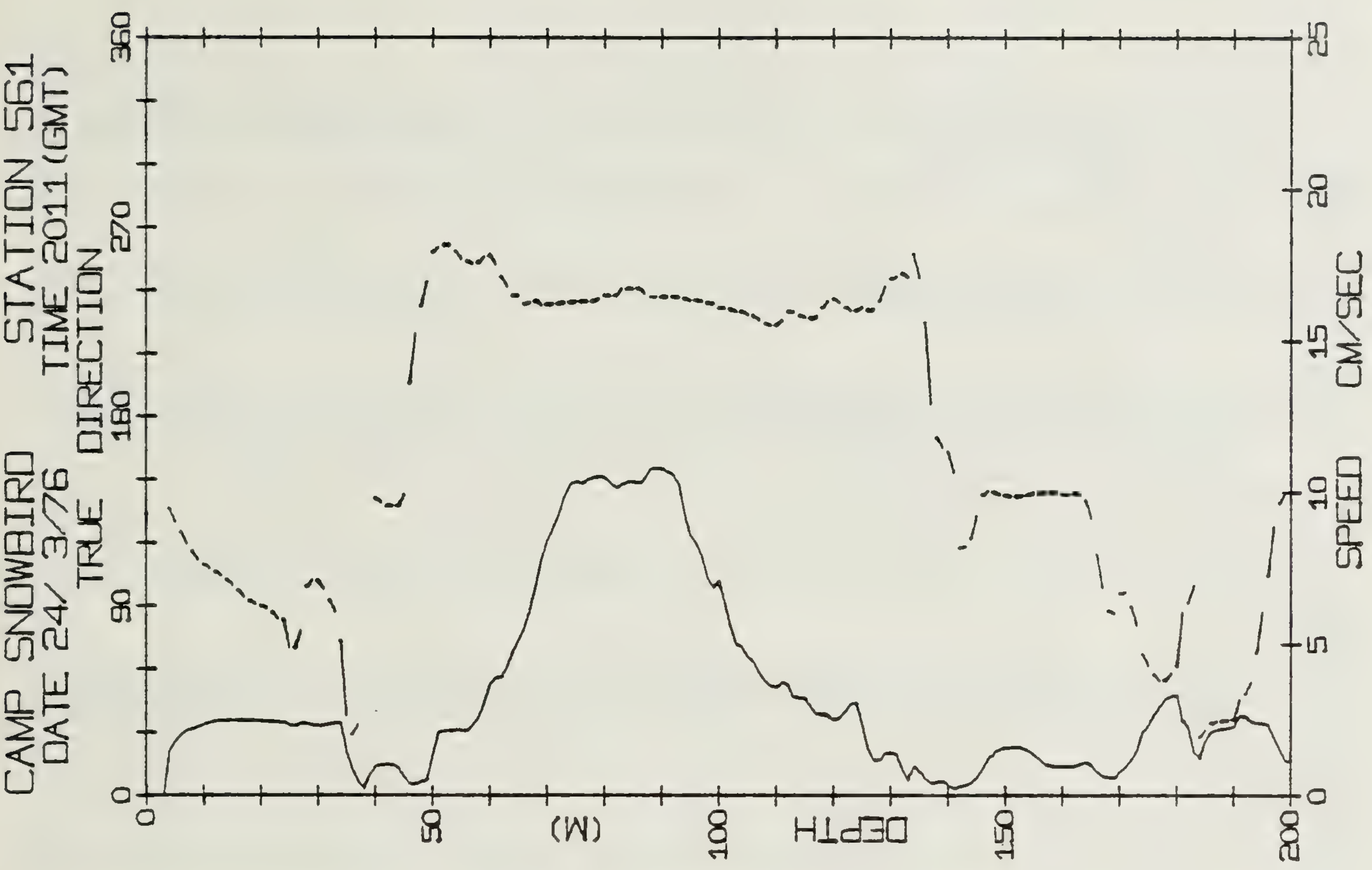
SNOWBIRD STATION 558 (200M.) 23/MAR/76 822 GMT
LAT= 73.3675N LONG= 145.4085W LTER= 1 LGER= 2
NIVEL= 1.5 EIVEL= -1.9 NVER= 0 EVER= 0.

DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	14.2	292.1	134	4.0	309.3
1	0.0	999.9	68	14.9	291.9	135	4.1	308.7
2	0.0	999.9	69	16.1	291.7	136	4.1	306.8
3	0.0	999.9	70	17.5	291.4	137	3.9	305.2
4	3.2	283.8	71	18.6	291.3	138	3.6	304.0
5	3.1	283.2	72	19.8	291.2	139	3.6	302.9
6	3.2	283.7	73	20.7	291.2	140	3.6	301.9
7	3.2	285.3	74	21.3	291.2	141	3.6	301.1
8	3.3	287.1	75	21.9	291.2	142	3.5	300.1
9	3.4	289.4	76	22.5	291.2	143	3.5	298.6
10	3.6	292.6	77	23.1	291.3	144	3.5	295.7
11	3.6	294.6	78	23.6	291.2	145	3.4	293.3
12	3.6	295.0	79	24.2	291.3	146	3.3	291.3
13	3.6	295.5	80	24.3	291.2	147	3.3	290.4
14	3.7	296.7	81	23.8	291.3	148	3.3	290.6
15	3.7	300.4	82	23.6	291.3	149	3.3	291.7
16	3.8	301.6	83	23.7	291.3	150	3.4	293.0
17	3.8	302.7	84	24.5	291.2	151	3.4	294.0
18	3.8	304.9	85	24.9	291.2	152	3.4	294.9
19	3.8	308.0	86	24.4	291.2	153	3.5	295.4
20	3.8	309.8	87	23.8	291.3	154	3.5	295.5
21	3.8	310.2	88	23.2	291.3	155	3.5	296.0
22	3.8	310.3	89	22.5	291.4	156	3.5	297.0
23	3.8	310.3	90	22.4	291.4	157	3.5	298.6
24	3.8	310.1	91	22.7	291.4	158	3.6	301.2
25	3.8	309.4	92	22.5	291.4	159	3.6	305.1
26	3.8	308.6	93	21.5	291.5	160	3.6	309.3
27	3.8	307.6	94	20.6	296.5	161	3.7	308.8
28	3.8	306.4	95	19.8	296.5	162	3.6	306.6
29	3.8	304.9	96	20.0	296.5	163	3.6	304.6
30	3.8	303.1	97	19.5	296.5	164	3.6	304.2
31	3.8	301.2	98	19.0	296.6	165	3.7	305.7
32	3.7	299.6	99	18.3	296.7	166	3.7	309.5
33	3.7	297.7	100	17.4	296.7	167	3.6	313.3
34	3.6	295.7	101	16.7	296.8	168	3.6	315.5
35	3.6	295.1	102	16.0	296.8	169	3.6	315.2
36	3.7	296.2	103	15.4	296.8	170	3.6	313.9
37	3.7	299.0	104	14.8	296.8	171	3.7	312.6
38	3.8	303.0	105	14.1	296.8	172	3.7	311.1
39	3.8	306.8	106	13.5	296.9	173	3.7	310.1
40	3.8	309.9	107	12.7	296.0	174	3.7	310.0
41	3.8	312.3	108	11.7	293.8	175	3.7	310.6
42	3.8	312.5	109	10.8	292.9	176	3.7	312.4
43	3.8	306.4	110	9.8	293.1	177	3.6	315.4
44	3.8	301.0	111	8.9	293.6	178	3.6	318.5
45	3.7	299.3	112	7.8	294.9	179	3.6	318.8
46	3.7	299.2	113	7.3	296.8	180	3.6	318.9
47	3.7	299.7	114	7.4	299.5	181	3.5	320.9
48	3.8	301.1	115	7.3	302.3	182	3.4	324.0
49	3.8	303.1	116	6.9	304.3	183	3.3	328.0
50	3.8	305.2	117	6.7	304.9	184	3.2	329.3
51	3.8	304.8	118	6.7	304.8	185	3.1	330.7
52	4.3	302.1	119	6.9	304.3	186	3.0	333.1
53	4.8	298.5	120	7.3	302.5	187	2.8	335.6
54	5.1	295.3	121	7.5	300.8	188	2.7	336.7
55	5.3	291.0	122	7.3	300.1	189	2.8	335.2
56	5.6	287.3	123	6.1	302.1	190	3.1	331.4
57	6.1	286.6	124	5.1	305.4	191	3.4	324.3
58	7.1	287.8	125	5.0	306.8	192	3.6	316.4
59	8.0	289.5	126	5.1	307.2	193	3.7	309.8
60	8.8	290.0	127	5.0	307.5	194	3.7	309.3
61	9.5	289.5	128	4.6	308.1	195	3.7	310.6
62	10.2	289.1	129	4.6	310.0	196	3.7	311.8
63	11.0	288.7	130	4.4	310.7	197	3.7	310.8
64	11.8	288.3	131	4.2	309.7	198	3.7	307.9
65	12.7	291.5	132	4.0	308.8	199	3.7	304.2
66	13.5	292.2	133	4.0	308.7	200	3.7	300.4

SNOWBIRD STATION 559 (200M.) 23/MAR/76 2014 GMT
LAT= 73.3674N LONG= 145.4082W LTER= 1. LGER= 1.
NIVEL= 0.1 EIVEL= -0.7 NVER= 0. EVER= 0.

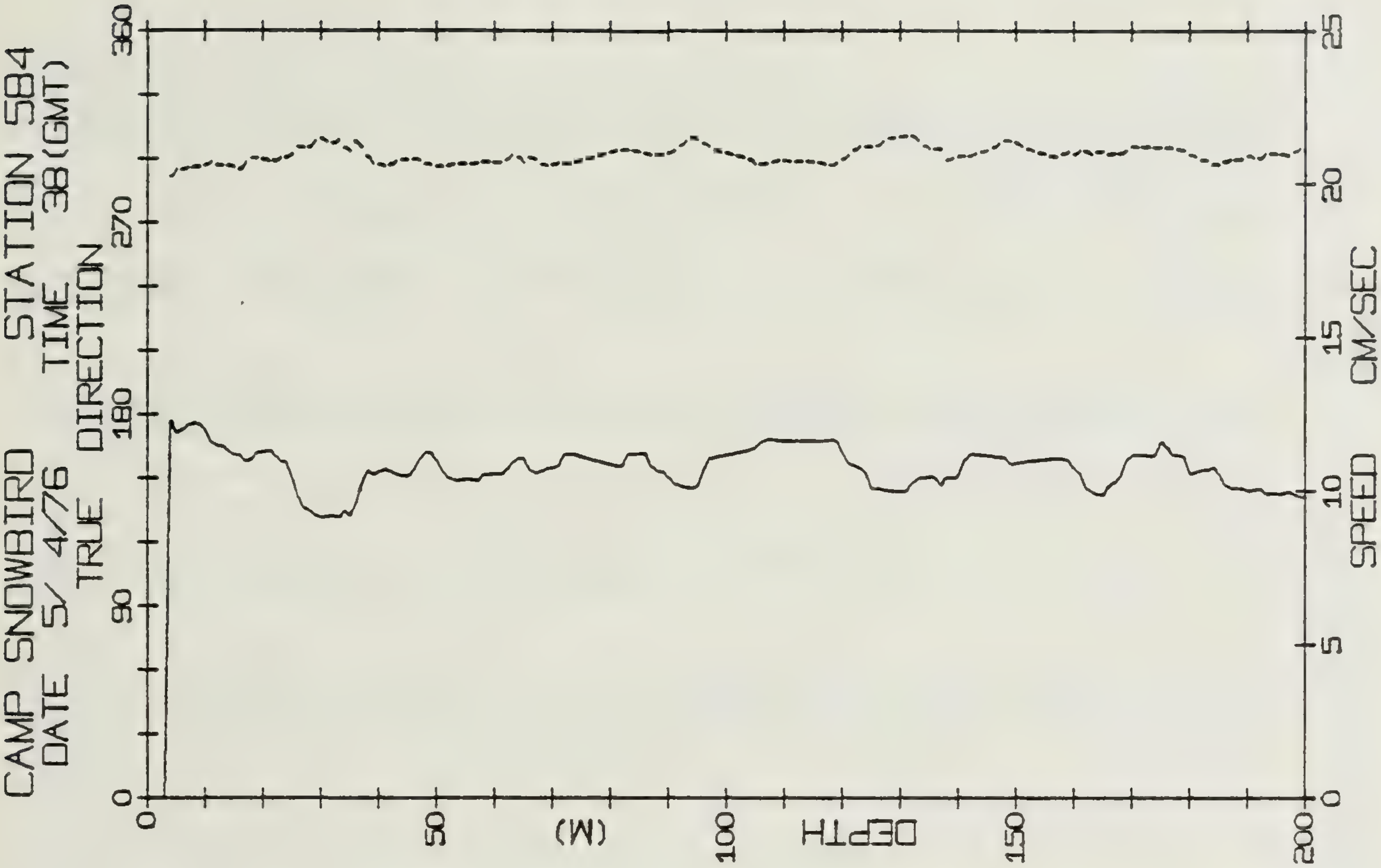
DPT	SPD	DRN	DPT	SPD	DRN	DPT	SPD	DRN
0	0.0	999.9	67	16.1	274.2	134	2.5	291.1
1	0.0	999.9	68	17.1	273.1	135	2.5	289.9
2	0.0	999.9	69	18.1	272.3	136	2.5	287.3
3	0.0	999.9	70	19.0	272.2	137	2.5	284.4
4	2.2	247.3	71	19.7	272.2	138	2.5	282.9
5	2.2	246.8	72	20.2	272.2	139	2.5	283.3
6	2.1	244.3	73	20.7	272.2	140	2.5	284.2
7	2.0	240.0	74	21.4	272.2	141	2.5	285.0
8	1.9	234.8	75	21.7	272.2	142	2.5	285.6
9	1.7	229.1	76	21.9	272.2	143	2.5	285.6
10	1.6	224.0	77	22.0	272.2	144	2.5	284.0
11	1.5	219.5	78	22.1	272.2	145	2.6	281.3
12	1.4	216.8	79	22.1	272.3	146	2.6	278.4
13	1.2	214.6	80	22.0	272.3	147	2.6	275.1
14	1.1	213.3	81	21.7	272.3	148	2.6	272.2
15	1.0	212.7	82	21.2	272.3	149	2.6	270.6
16	1.0	212.9	83	20.8	272.3	150	2.6	271.8
17	0.9	215.4	84	20.7	272.3	151	2.6	275.9
18	0.8	217.6	85	20.6	272.4	152	2.6	281.2
19	0.8	220.2	86	20.1	272.4	153	2.6	284.7
20	0.8	222.6	87	19.5	272.4	154	2.5	285.2
21	0.8	225.6	88	18.9	272.4	155	2.5	285.2
22	0.7	230.0	89	18.4	272.4	156	2.5	287.2
23	0.7	239.0	90	18.0	275.3	157	2.5	291.3
24	0.7	247.6	91	17.8	275.4	158	2.5	295.0
25	0.8	239.3	92	17.4	275.4	159	2.5	297.0
26	1.2	216.6	93	16.7	275.3	160	2.5	295.9
27	1.1	226.2	94	16.1	275.3	161	2.5	292.7
28	1.0	241.1	95	15.6	275.3	162	2.5	289.3
29	0.9	250.1	96	15.3	276.4	163	2.4	288.5
30	1.0	251.1	97	15.0	279.2	164	2.4	290.3
31	1.1	252.0	98	14.8	279.1	165	2.4	292.9
32	1.3	253.1	99	14.6	279.2	166	2.4	294.8
33	1.5	255.3	100	14.4	279.2	167	2.4	294.9
34	1.8	259.1	101	14.2	280.0	168	2.5	293.9
35	2.0	262.3	102	13.9	283.0	169	2.5	294.2
36	2.1	266.8	103	13.6	283.5	170	2.5	297.6
37	2.2	272.8	104	13.1	283.5	171	2.5	301.3
38	2.2	276.8	105	12.7	283.5	172	2.4	303.5
39	2.1	278.7	106	12.2	283.5	173	2.4	307.6
40	2.0	280.1	107	11.6	283.5	174	2.3	313.0
41	2.1	282.9	108	10.9	283.5	175	2.3	316.4
42	2.3	287.9	109	10.2	283.6	176	2.3	318.3
43	2.4	292.2	110	9.5	283.6	177	2.3	320.2
44	2.5	297.1	111	9.3	283.6	178	2.3	321.8
45	2.5	300.9	112	9.2	283.6	179	2.3	321.2
46	2.9	300.4	113	9.0	283.7	180	2.3	320.7
47	3.2	295.4	114	7.8	284.7	181	2.3	322.4
48	3.4	288.5	115	6.8	285.7	182	2.2	325.6
49	3.7	283.1	116	6.4	286.8	183	2.2	329.6
50	4.0	283.1	117	6.0	287.3	184	2.1	333.7
51	4.3	285.0	118	5.9	287.7	185	2.1	335.9
52	4.4	287.8	119	6.2	288.6	186	2.0	337.1
53	4.4	287.0	120	6.0	289.4	187	2.0	339.1
54	4.9	284.2	121	5.5	289.6	188	1.9	342.6
55	6.1	281.2	122	4.9	290.0	189	1.9	345.9
56	6.6	279.1	123	4.4	290.0	190	1.9	347.1
57	7.1	276.9	124	3.8	289.4	191	1.9	345.4
58	7.5	276.5	125	3.4	290.1	192	2.0	345.8
59	7.9	277.6	126	2.9	291.5	193	1.8	343.4
60	8.3	278.6	127	2.8	294.6	194	0.8	310.5
61	8.8	277.8	128	2.9	297.6	195	1.0	323.7
62	9.6	276.6	129	2.9	299.6	196	1.6	341.6
63	10.9	276.2	130	2.9	300.3	197	1.9	345.6
64	12.9	274.1	131	2.9	299.4	198	1.9	345.5
65	14.2	274.4	132	2.8	296.4	199	1.8	344.4
66	15.2	274.9	133	2.5	292.4	200	1.8	344.3

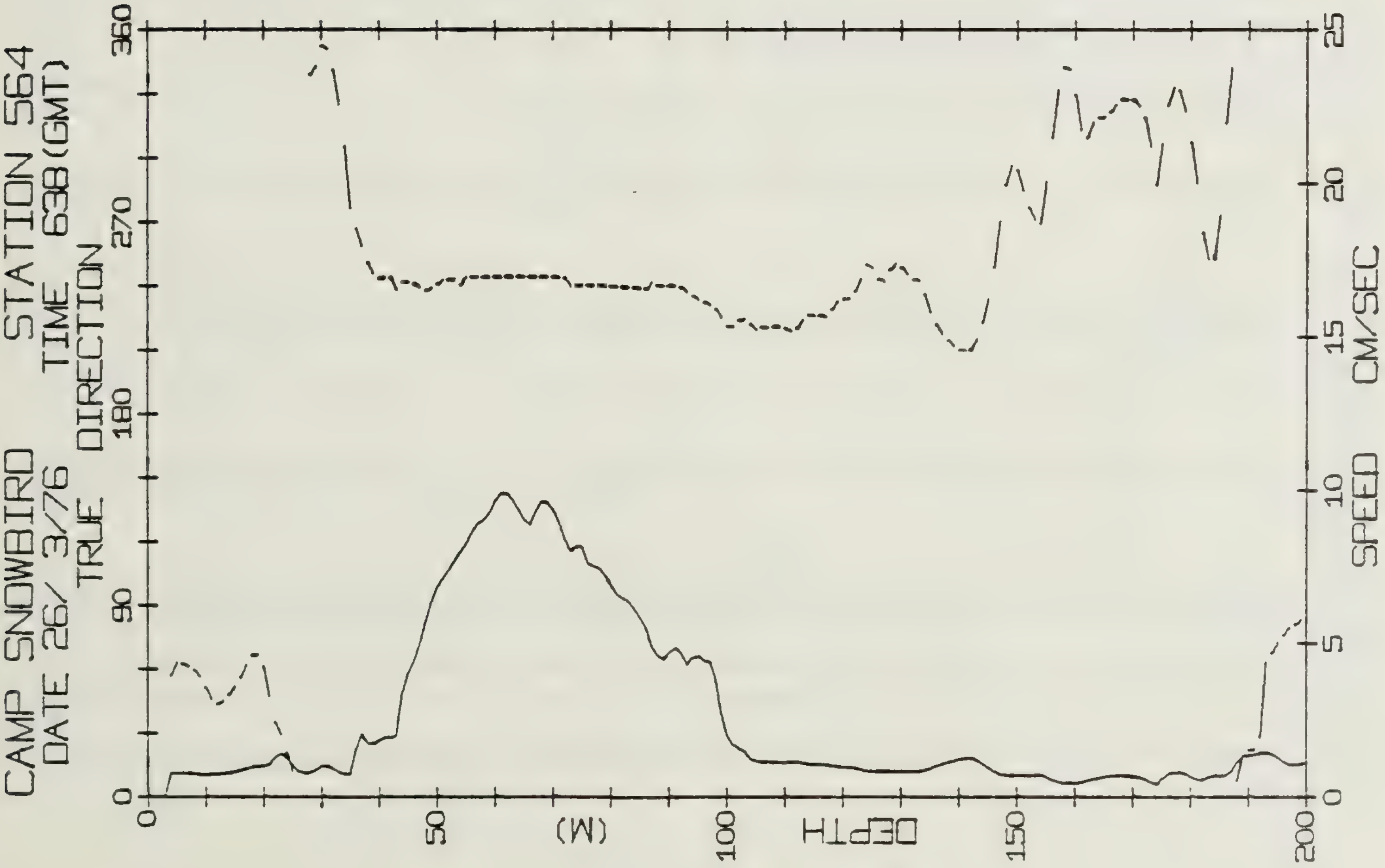

CAMP SNOWBIRD STATION 560
DATE 24/ 3/76 TIME 702(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 561
DATE 24/ 3/76 TIME 2011(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 560     (200M.)     24/MAR/76      702 GMT
LAT= 73.3671N  LONG= 145.3991W  LTER=     1   LGER=     1.
NIVEL=   2.0   EIVEL=   0.4     NVER=    0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67   14.3  269.2      134    3.2  298.1
  1    0.0  999.9       68   15.2  268.7      135    2.9  300.4
  2    0.0  999.9       69   16.0  266.7      136    2.8  304.7
  3    0.0  999.9       70   16.6  263.2      137    2.9  308.4
  4    1.5  313.4       71   16.9  263.1      138    2.7  316.1
  5    1.3  312.7       72   17.4  262.7      139    2.4  325.9
  6    1.1  313.0       73   18.3  262.2      140    2.4  326.4
  7    0.9  315.1       74   18.8  261.8      141    2.5  326.9
  8    0.7  322.3       75   19.0  261.7      142    2.5  327.3
  9    0.6  334.2       76   19.1  259.5      143    2.5  327.6
 10    0.6  344.8       77   19.0  259.5      144    2.5  327.1
 11    0.6  355.6       78   18.9  259.6      145    2.4  326.3
 12    0.6    6.9       79   18.8  259.6      146    2.3  325.3
 13    0.7   23.3       80   18.7  259.6      147    2.2  324.0
 14    0.8   30.4       81   18.7  260.2      148    2.2  323.0
 15    0.9   32.2       82   18.9  263.3      149    2.1  321.8
 16    0.9   32.6       83   18.9  264.6      150    2.0  319.8
 17    1.0   33.8       84   18.9  264.6      151    1.9  317.9
 18    1.1   34.8       85   18.7  264.7      152    1.8  316.3
 19    1.2   35.6       86   18.3  264.8      153    1.8  316.6
 20    1.2   35.8       87   17.9  265.0      154    2.0  318.5
 21    1.2   36.2       88   17.5  265.1      155    2.1  320.0
 22    1.2   36.6       89   17.2  265.3      156    2.1  320.1
 23    1.2   36.2       90   17.0  265.4      157    2.1  319.8
 24    1.2   34.1       91   16.6  265.5      158    2.1  319.6
 25    1.2   31.5       92   16.1  265.7      159    2.1  320.2
 26    1.4   27.4       93   15.4  266.1      160    2.2  323.2
 27    1.5   24.8       94   14.8  266.4      161    2.5  327.2
 28    1.7   23.3       95   14.3  266.6      162    2.7  331.8
 29    1.9   22.3       96   14.2  268.6      163    3.0  336.8
 30    2.3   20.9       97   14.1  269.3      164    3.2  340.7
 31    1.7   20.8       98   13.6  269.6      165    3.4  345.5
 32    3.4  355.6       99   13.1  269.8      166    3.5  348.5
 33    3.2  340.5      100   12.7  270.1      167    3.5  349.0
 34    2.9  335.8      101   12.3  270.4      168    3.3  342.8
 35    2.7  334.4      102   11.8  270.8      169    3.2  340.0
 36    2.5  336.1      103   11.3  271.3      170    3.1  338.8
 37    2.4  339.0      104   10.9  271.7      171    3.1  337.9
 38    2.5  338.9      105   10.4  272.2      172    2.9  335.9
 39    2.4  334.3      106   10.0  272.8      173    2.8  335.0
 40    2.3  329.3      107    9.6  273.2      174    2.8  334.9
 41    2.4  319.9      108   10.0  272.9      175    2.9  336.1
 42    2.4  312.4      109    9.7  273.1      176    3.2  340.6
 43    2.5  309.2      110    9.2  273.7      177    3.3  344.0
 44    2.6  307.8      111    8.6  274.6      178    3.4  346.3
 45    2.8  305.1      112    8.3  275.3      179    3.5  349.9
 46    3.1  302.7      113    7.6  276.7      180    3.6  353.1
 47    3.2  301.5      114    6.6  278.8      181    3.6  353.9
 48    3.1  300.0      115    5.9  281.0      182    3.6  351.5
 49    3.0  299.3      116    5.9  279.9      183    3.5  349.4
 50    3.2  298.2      117    5.7  278.8      184    3.5  348.4
 51    3.4  298.8      118    5.2  281.1      185    3.4  347.5
 52    3.6  301.9      119    4.4  282.4      186    3.4  348.0
 53    3.7  304.1      120    3.9  283.4      187    3.4  349.3
 54    3.8  305.4      121    3.8  282.6      188    3.5  351.0
 55    4.8  301.2      122    3.9  282.5      189    3.6  355.1
 56    5.7  294.1      123    4.0  284.0      190    3.6  359.2
 57    6.3  287.8      124    4.0  285.1      191    3.7    1.5
 58    7.1  283.8      125    3.9  285.7      192    3.7    4.5
 59    7.7  281.9      126    3.7  286.2      193    3.8   10.8
 60    8.2  280.9      127    3.3  289.0      194    3.8   15.1
 61    8.9  279.8      128    3.2  291.8      195    3.8   17.8
 62    9.8  277.0      129    3.5  291.4      196    3.7   20.9
 63   10.7  274.8      130    3.6  291.8      197    3.7   24.1
 64   11.5  273.9      131    3.6  293.7      198    3.6   30.6
 65   12.4  273.1      132    3.4  297.3      199    2.4   53.2
 66   13.2  272.4      133    3.4  297.6      200    2.4   53.2
```

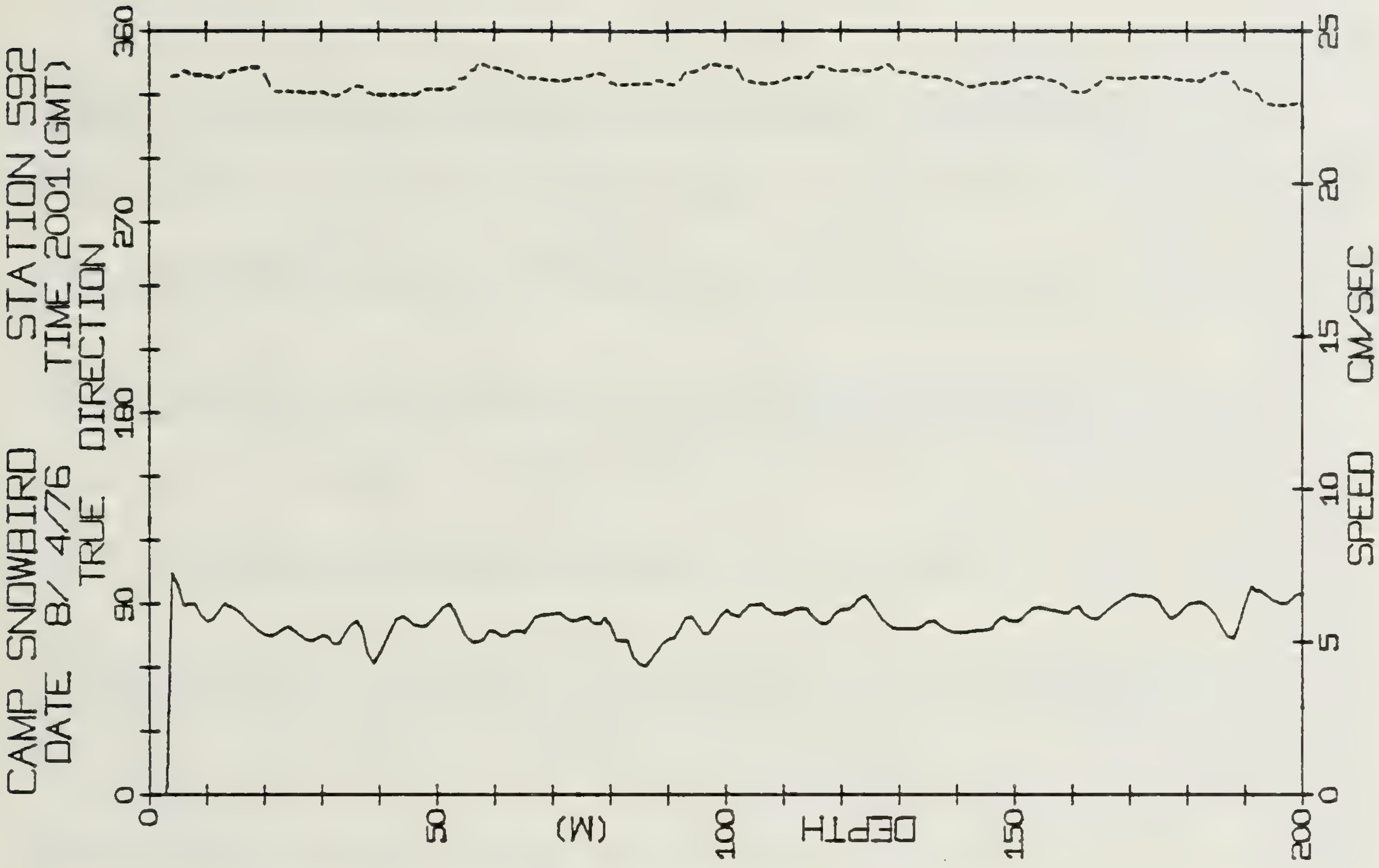
```
SNOWBIRD STATION 561     (200M.)     24/MAR/76     2011 GMT
LAT= 73.3675N  LONG= 145.3967W  LTER=    0.   LGER=     0.
NIVEL=   0.2   EIVEL=   2.0     NVER=    0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0  999.9       67    6.1  234.2      134    1.0  257.3
  1    0.0  999.9       68    6.9  234.9      135    0.8  246.3
  2    0.0  999.9       69    7.8  232.8      136    0.5  224.7
  3    0.0  999.9       70    8.4  233.3      137    0.4  186.2
  4    1.5  136.2       71    8.8  233.6      138    0.5  170.2
  5    1.8  130.1       72    9.3  233.9      139    0.5  165.5
  6    2.0  125.0       73    9.9  234.3      140    0.3  163.4
  7    2.2  119.7       74   10.3  234.5      141    0.2  153.7
  8    2.2  115.6       75   10.4  234.6      142    0.3  117.7
  9    2.3  112.0       76   10.3  234.6      143    0.4  118.4
 10    2.4  109.5       77   10.4  234.8      144    0.4  122.1
 11    2.4  107.9       78   10.5  234.9      145    0.6  133.0
 12    2.5  106.1       79   10.5  236.0      146    0.9  142.9
 13    2.5  104.5       80   10.5  237.4      147    1.2  144.8
 14    2.5  102.6       81   10.3  237.5      148    1.4  143.9
 15    2.5  100.1       82   10.1  237.5      149    1.5  142.8
 16    2.5   97.5       83   10.3  240.7      150    1.6  142.3
 17    2.5   94.3       84   10.4  240.8      151    1.6  142.1
 18    2.5   92.6       85   10.3  240.8      152    1.6  142.1
 19    2.5   90.8       86   10.3  240.9      153    1.6  142.7
 20    2.4   89.7       87   10.4  238.8      154    1.5  143.3
 21    2.4   88.9       88   10.8  236.7      155    1.3  143.9
 22    2.4   86.9       89   10.8  236.6      156    1.2  144.1
 23    2.4   83.8       90   10.8  236.6      157    1.0  144.0
 24    2.4   83.0       91   10.7  236.7      158    1.0  144.3
 25    2.3   70.5       92   10.5  236.7      159    1.0  144.2
 26    2.3   70.5       93   10.3  236.6      160    1.0  143.2
 27    2.4   78.5       94    9.3  235.7      161    1.0  142.5
 28    2.3   99.5       95    8.6  235.0      162    1.0  143.9
 29    2.3  102.4       96    8.3  234.9      163    1.1  143.2
 30    2.3  101.8       97    7.9  234.5      164    1.1  140.5
 31    2.3   98.3       98    7.2  233.6      165    1.0  132.3
 32    2.4   92.6       99    6.9  233.7      166    0.8  114.8
 33    2.4   87.4      100    7.1  231.6      167    0.6   99.0
 34    2.4   73.3      101    6.4  231.4      168    0.6   87.8
 35    1.4   38.1      102    5.6  230.7      169    0.6   86.5
 36    0.9   29.2      103    5.0  229.8      170    0.8   96.2
 37    0.5   33.3      104    4.9  229.5      171    1.0   97.0
 38    0.2   83.2      105    4.6  228.4      172    1.2   89.9
 39    0.7  143.1      106    4.4  227.5      173    1.5   81.3
 40    1.0  141.1      107    4.1  225.9      174    2.1   67.2
 41    1.0  139.2      108    3.8  224.2      175    2.3   62.1
 42    1.0  137.6      109    3.6  223.3      176    2.7   57.7
 43    1.0  137.6      110    3.6  223.7      177    3.0   54.6
 44    0.9  137.9      111    3.7  226.0      178    3.2   55.0
 45    0.6  142.6      112    3.6  230.0      179    3.3   58.1
 46    0.4  195.7      113    3.2  229.6      180    3.3   61.8
 47    0.4  219.3      114    3.2  227.9      181    2.5   86.9
 48    0.5  232.5      115    3.2  226.9      182    2.3   91.7
 49    0.5  244.3      116    2.9  226.3      183    1.4   99.9
 50    1.3  258.1      117    2.7  227.8      184    1.2   28.0
 51    2.1  260.6      118    2.7  231.6      185    1.8   30.9
 52    2.1  261.6      119    2.6  234.6      186    2.1   34.2
 53    2.1  261.2      120    2.5  236.1      187    2.2   35.4
 54    2.2  258.5      121    2.6  234.3      188    2.2   35.7
 55    2.1  255.0      122    2.8  232.0      189    2.2   36.0
 56    2.1  253.7      123    3.0  230.4      190    2.3   36.7
 57    2.3  252.4      124    3.1  230.6      191    2.6   45.5
 58    2.6  253.3      125    2.3  232.3      192    2.6   48.5
 59    3.1  255.7      126    1.5  230.7      193    2.4   53.5
 60    3.7  256.6      127    1.2  231.1      194    2.4   68.1
 61    3.9  252.5      128    1.2  234.8      195    2.4   87.1
 62    3.9  246.3      129    1.4  241.9      196    2.3  104.8
 63    4.2  242.1      130    1.4  245.6      197    1.9  127.9
 64    4.7  237.7      131    1.4  246.6      198    1.5  139.0
 65    5.1  237.1      132    0.9  247.9      199    1.1  144.2
 66    5.5  233.7      133    0.5  246.3      200    1.1  144.2
```

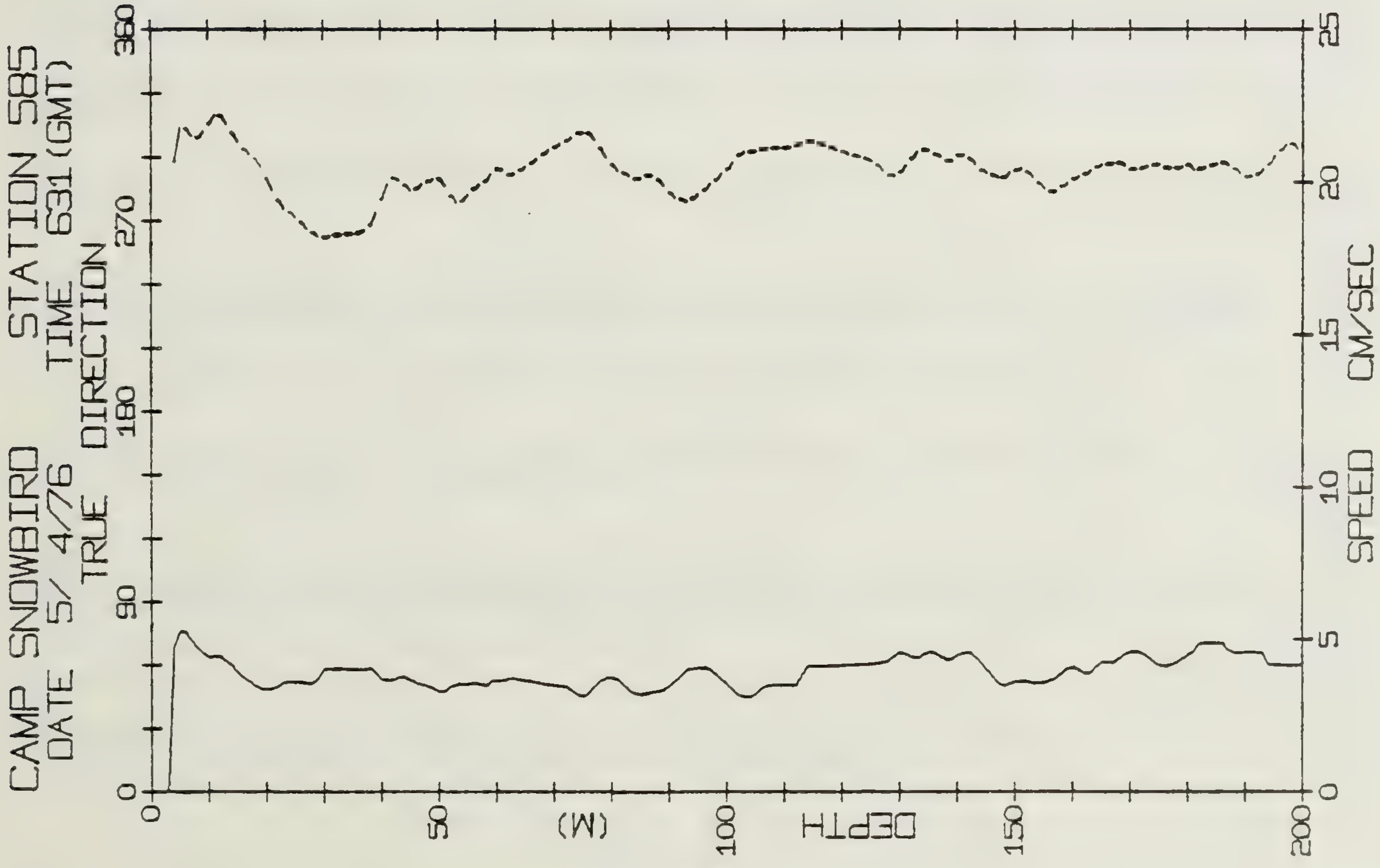

CAMP SNOWBIRD STATION 584
DATE 5/ 4/76 TIME 38(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 564
DATE 26/ 3/76 TIME 638(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 564     (200M.)     26/MAR/76       638 GMT
LAT= 73.3682N  LONG= 145.3836W  LTER=     1.   LCER=     2.
NIVEL=   -0.4   EIVEL=    1.0     NVER=     0    EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67    9.3   244.3     134    0.9   236.0
  1    0.0   999.9      68    9.7   244.4     135    0.9   227.9
  2    0.0   999.9      69    9.6   244.3     136    1.0   222.0
  3    0.0   999.9      70    9.4   244.2     137    1.1   217.8
  4    0.8    57.2      71    8.9   244.0     138    1.1   214.6
  5    0.8    62.7      72    8.4   243.5     139    1.2   212.3
  6    0.8    62.4      73    8.0   240.2     140    1.2   210.2
  7    0.8    61.3      74    8.2   240.4     141    1.3   209.7
  8    0.7    59.4      75    8.2   240.4     142    1.3   210.3
  9    0.7    56.6      76    7.6   240.1     143    1.2   215.0
 10    0.7    51.5      77    7.5   240.1     144    1.1   223.0
 11    0.7    46.0      78    7.5   240.1     145    0.9   233.7
 12    0.7    43.3      79    7.2   239.9     146    0.8   249.1
 13    0.8    44.9      80    6.9   239.6     147    0.7   270.4
 14    0.8    47.6      81    6.6   239.3     148    0.7   287.5
 15    0.8    51.6      82    6.5   239.2     149    0.7   296.3
 16    0.9    56.1      83    6.4   239.1     150    0.7   294.5
 17    0.9    61.7      84    6.1   238.9     151    0.7   285.0
 18    1.0    66.3      85    5.8   238.6     152    0.7   276.6
 19    1.0    66.9      86    5.5   238.2     153    0.7   271.6
 20    1.0    61.1      87    4.9   241.4     154    0.7   269.6
 21    1.1    47.2      88    4.6   240.3     155    0.6   288.9
 22    1.3    34.7      89    4.5   239.8     156    0.5   309.5
 23    1.4    29.4      90    4.7   240.3     157    0.5   331.6
 24    1.2    20.3      91    4.9   240.2     158    0.4   342.7
 25    1.0    12.2      92    4.7   239.1     159    0.4   341.4
 26    0.8     0.1      93    4.3   237.4     160    0.4   329.3
 27    0.8   347.8      94    4.5   235.5     161    0.5   313.2
 28    0.8   339.1      95    4.6   233.6     162    0.5   309.9
 29    0.9   343.0      96    4.4   232.4     163    0.6   316.5
 30    1.0   352.6      97    4.4   231.1     164    0.6   318.9
 31    1.0   350.9      98    3.9   229.2     165    0.7   319.6
 32    0.9   341.4      99    2.7   225.5     166    0.7   321.7
 33    0.8   325.2     100    2.0   221.2     167    0.7   324.8
 34    0.7   305.2     101    1.7   221.0     168    0.7   327.3
 35    0.7   276.2     102    1.6   223.8     169    0.7   327.6
 36    1.6   266.6     103    1.5   224.7     170    0.7   327.2
 37    2.0   258.7     104    1.2   222.2     171    0.6   324.6
 38    1.8   250.9     105    1.1   219.4     172    0.6   318.9
 39    1.7   245.8     106    1.1   220.7     173    0.5   305.7
 40    1.8   243.6     107    1.1   220.6     174    0.4   287.8
 41    1.9   244.2     108    1.1   221.3     175    0.6   306.7
 42    1.9   243.6     109    1.1   220.9     176    0.7   324.9
 43    2.0   238.3     110    1.1   219.6     177    0.8   332.8
 44    3.4   241.6     111    1.1   218.8     178    0.8   331.6
 45    4.0   241.9     112    1.1   220.1     179    0.7   322.3
 46    4.4   240.8     113    1.1   224.0     180    0.6   307.6
 47    5.0   239.1     114    1.0   226.3     181    0.5   288.4
 48    5.7   237.7     115    1.0   226.2     182    0.6   265.1
 49    6.3   238.8     116    1.0   226.0     183    0.7   252.6
 50    6.8   240.7     117    1.0   225.6     184    0.7   253.2
 51    7.1   242.9     118    1.0   228.7     185    0.7   272.9
 52    7.4   243.1     119    1.0   233.0     186    0.7   316.3
 53    7.7   242.9     120    1.0   234.1     187    0.9   342.0
 54    8.0   240.7     121    0.9   234.6     188    1.1     7.6
 55    8.3   244.1     122    0.9   237.4     189    1.3    19.1
 56    8.6   244.3     123    0.9   242.9     190    1.4    21.9
 57    8.9   244.3     124    0.8   250.0     191    1.4    22.7
 58    9.0   244.2     125    0.8   248.6     192    1.5    28.2
 59    9.3   244.2     126    0.8   243.2     193    1.4    63.0
 60    9.7   244.3     127    0.9   242.0     194    1.4    67.5
 61    9.9   244.4     128    0.8   247.6     195    1.3    72.0
 62    9.9   244.5     129    0.8   250.6     196    1.1    75.9
 63    9.7   244.5     130    0.8   248.8     197    1.0    79.4
 64    9.4   244.4     131    0.8   245.6     198    1.0    80.9
 65    9.0   244.3     132    0.8   242.9     199    1.1    83.0
 66    8.9   244.2     133    0.8   242.3     200    1.1    86.2
```

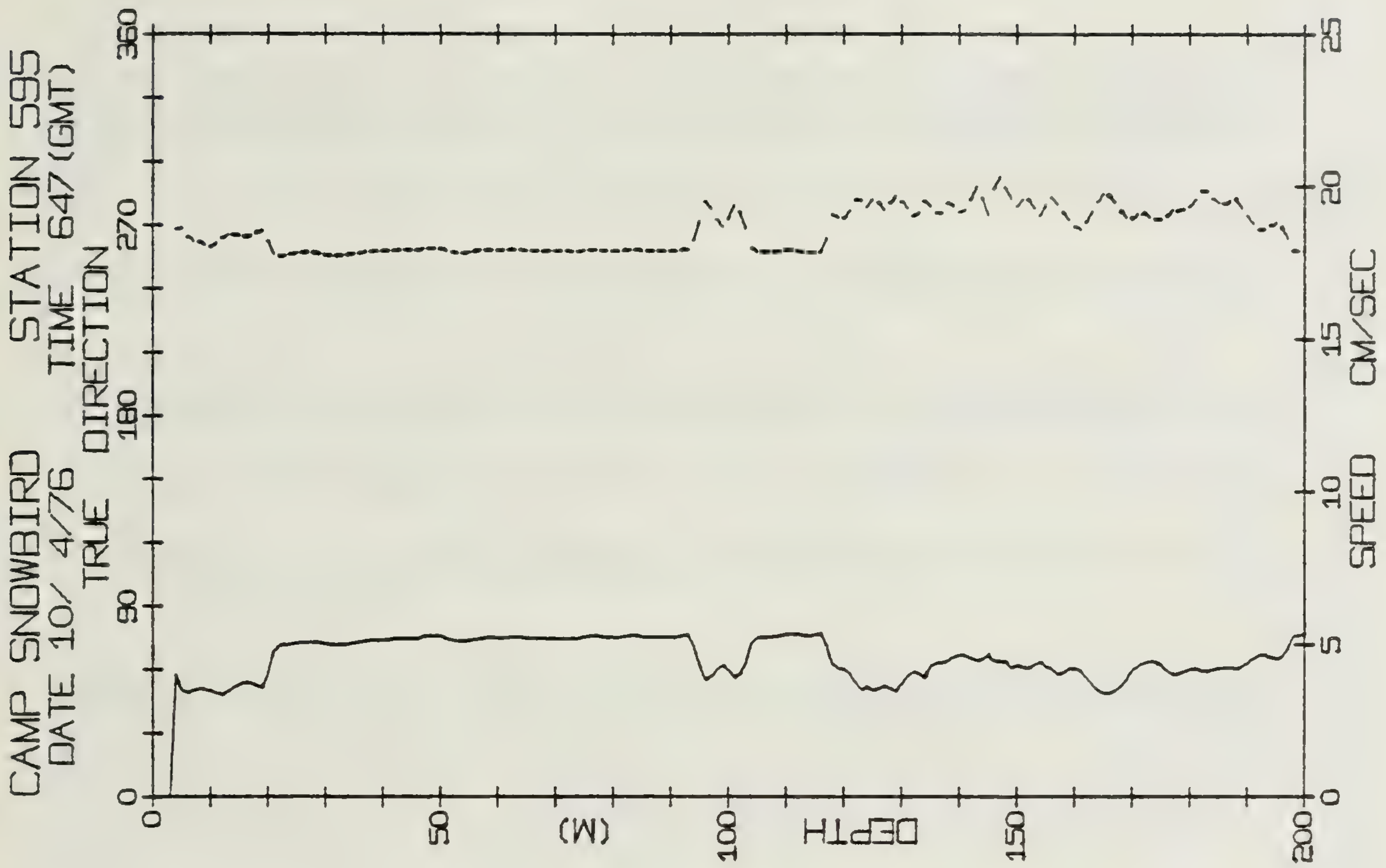
```
SNOWBIRD STATION 584     (200M.)     5/APR/76        38 GMT
LAT= 73.3679N  LONG= 145.4101W  LTER=     0.   LGER=     0.
NIVEL=    0.6   EIVEL= -14.1      NVER=     0.   EVER=     0.

DPT    SPD    DRN      DPT    SPD    DRN      DPT    SPD    DRN
  0    0.0   999.9      67   10.6   299.6     134   10.5   306.3
  1    0.0   999.9      68   10.7   297.4     135   10.5   304.7
  2    0.0   999.9      69   10.8   296.5     136   10.4   304.7
  3    0.0   999.9      70   10.8   297.2     137   10.2   304.3
  4   12.3   291.4      71   10.8   298.3     138   10.5   299.5
  5   11.9   294.4      72   11.2   297.6     139   10.4   300.3
  6   12.0   295.1      73   11.2   297.6     140   10.5   301.2
  7   12.1   296.0      74   11.2   298.6     141   11.0   301.5
  8   12.2   296.4      75   11.1   299.6     142   11.2   301.6
  9   12.2   296.5      76   11.0   300.4     143   11.2   302.6
 10   12.0   297.1      77   11.0   301.1     144   11.2   303.4
 11   11.6   298.5      78   10.9   301.8     145   11.1   304.3
 12   11.5   297.0      79   10.9   302.5     146   11.1   305.2
 13   11.5   296.5      80   10.8   303.4     147   11.1   307.1
 14   11.3   296.6      81   10.8   304.2     148   11.1   308.5
 15   11.2   295.9      82   10.8   304.2     149   10.9   308.3
 16   11.1   295.0      83   11.2   303.9     150   10.9   307.3
 17   11.0   298.2      84   11.2   303.5     151   11.0   305.8
 18   11.1   300.4      85   11.2   302.8     152   11.0   304.4
 19   11.3   300.7      86   11.2   302.2     153   11.0   303.5
 20   11.3   299.6      87   10.8   301.5     154   11.0   302.7
 21   11.3   298.7      88   10.7   301.4     155   11.0   301.9
 22   11.2   298.9      89   10.6   302.1     156   11.1   300.9
 23   11.0   300.6      90   10.4   302.9     157   11.1   300.8
 24   10.9   301.2      91   10.2   304.0     158   11.0   302.3
 25   10.5   302.5      92   10.1   306.2     159   11.0   303.6
 26    9.8   305.6      93   10.1   308.1     160   10.7   302.3
 27    9.4   305.2      94   10.1   309.5     161   10.6   304.0
 28    9.4   305.5      95   10.2   308.9     162   10.1   303.5
 29    9.2   308.2      96   10.7   307.1     163   10.0   301.9
 30    9.1   309.5      97   11.1   305.6     164    9.9   303.1
 31    9.2   307.7      98   11.1   304.0     165    9.9   303.7
 32    9.2   307.1      99   11.2   303.0     166   10.2   302.3
 33    9.1   308.8     100   11.2   302.4     167   10.3   302.7
 34    9.3   305.1     101   11.2   301.7     168   10.5   302.7
 35    9.2   303.6     102   11.3   301.0     169   11.0   304.0
 36    9.6   307.9     103   11.3   300.3     170   11.2   305.7
 37   10.2   305.3     104   11.4   299.5     171   11.2   305.3
 38   10.6   301.0     105   11.4   297.6     172   11.2   305.5
 39   10.6   297.7     106   11.6   297.6     173   11.1   305.8
 40   10.6   297.1     107   11.7   298.0     174   11.2   305.1
 41   10.7   296.3     108   11.7   298.8     175   11.6   305.3
 42   10.6   297.4     109   11.6   299.5     176   11.5   305.3
 43   10.5   299.1     110   11.6   299.1     177   11.2   304.8
 44   10.5   299.7     111   11.6   298.7     178   11.2   304.3
 45   10.5   299.4     112   11.6   298.5     179   11.1   303.7
 46   10.7   300.0     113   11.6   298.6     180   10.6   301.8
 47   11.0   299.1     114   11.6   298.6     181   10.6   300.8
 48   11.2   297.8     115   11.6   298.5     182   10.7   299.3
 49   11.2   297.1     116   11.6   297.9     183   10.7   299.3
 50   11.0   296.2     117   11.7   297.2     184   10.8   297.8
 51   10.7   296.1     118   11.7   296.8     185   10.6   296.9
 52   10.4   296.9     119   11.6   298.2     186   10.2   298.5
 53   10.3   297.9     120   11.3   299.8     187   10.1   299.8
 54   10.4   297.8     121   10.9   301.8     188   10.1   299.7
 55   10.4   297.4     122   10.8   303.9     189   10.1   300.2
 56   10.3   297.8     123   10.7   305.7     190   10.0   301.5
 57   10.3   298.1     124   10.6   305.8     191   10.1   300.5
 58   10.5   298.7     125   10.1   305.6     192   10.1   299.9
 59   10.6   298.4     126   10.1   306.2     193    9.9   302.4
 60   10.6   298.1     127   10.0   308.0     194    9.9   302.5
 61   10.6   298.5     128   10.0   309.6     195    9.9   302.2
 62   10.7   299.8     129   10.0   310.0     196    9.9   302.1
 63   10.9   301.9     130   10.0   310.5     197   10.0   301.2
 64   11.1   300.6     131   10.0   310.8     198    9.9   303.4
 65   11.0   298.3     132   10.3   310.5     199    9.8   305.0
 66   10.7   300.4     133   10.4   308.7     200    9.8   305.1
```

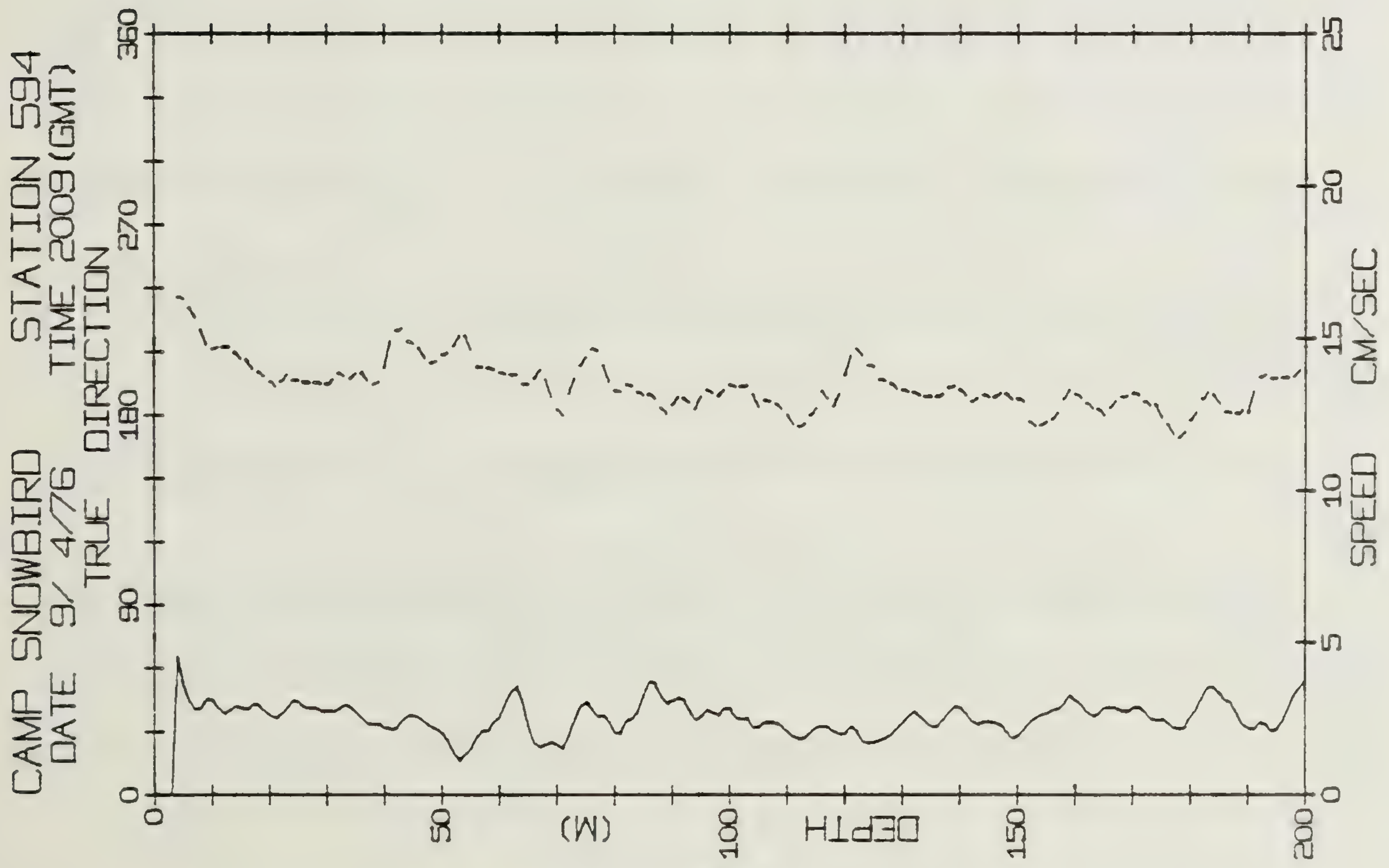

CAMP SNOWBIRD
STATION 592
DATE 8/ 4/76
TIME 2001(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 585
DATE 5/ 4/76
TIME 631(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 585     (200M.)        5/APR/76        631 GMT
LAT= 73.3648N  LONG= 145.4715W  LTER=     1.   LGER=      1.
NIVEL=  -1.2   EIVEL=  -6.1     NVER=     0    EVER=      0.

DPT    SPD   DRN        DPT    SPD   DRN        DPT    SPD   DRN
  0    0.0   999.9       67    3.6   299.1      134    4.5   303.5
  1    0.0   999.9       68    3.5   301.2      135    4.6   303.1
  2    0.0   999.9       69    3.5   303.1      136    4.6   301.5
  3    0.0   999.9       70    3.5   304.5      137    4.5   300.1
  4    4.8   297.8       71    3.5   306.1      138    4.4   298.4
  5    5.3   313.3       72    3.4   307.8      139    4.4   298.4
  6    5.2   313.5       73    3.3   309.4      140    4.5   300.6
  7    5.0   310.2       74    3.2   311.4      141    4.6   301.2
  8    4.7   309.2       75    3.1   311.8      142    4.6   299.4
  9    4.6   311.8       76    3.2   311.3      143    4.5   297.1
 10    4.4   315.9       77    3.4   308.5      144    4.3   293.7
 11    4.5   319.6       78    3.6   304.2      145    4.0   292.8
 12    4.4   320.0       79    3.8   299.9      146    3.8   291.7
 13    4.3   316.0       80    3.8   296.5      147    3.6   290.4
 14    4.2   311.7       81    3.7   293.8      148    3.5   290.6
 15    3.9   307.5       82    3.5   292.6      149    3.6   292.5
 16    3.8   303.7       83    3.3   291.1      150    3.6   293.8
 17    3.6   301.7       84    3.2   289.8      151    3.6   294.8
 18    3.5   299.4       85    3.2   290.1      152    3.6   293.2
 19    3.4   295.8       86    3.2   291.3      153    3.6   290.9
 20    3.4   290.2       87    3.3   291.3      154    3.6   288.0
 21    3.4   284.8       88    3.3   289.2      155    3.6   285.5
 22    3.5   279.8       89    3.4   286.8      156    3.7   284.1
 23    3.6   275.9       90    3.5   283.3      157    3.7   283.9
 24    3.6   274.0       91    3.6   281.0      158    3.9   286.2
 25    3.6   271.7       92    3.8   280.1      159    4.1   287.8
 26    3.6   269.2       93    4.0   279.0      160    4.1   289.8
 27    3.5   266.5       94    4.1   280.6      161    4.0   290.8
 28    3.6   264.5       95    4.1   282.3      162    3.9   292.0
 29    3.7   262.8       96    4.1   284.5      163    3.9   293.5
 30    4.0   262.2       97    4.0   287.0      164    4.1   295.3
 31    4.0   262.9       98    3.9   289.2      165    4.3   296.5
 32    4.0   263.5       99    3.7   291.8      166    4.3   297.0
 33    4.0   263.8      100    3.5   294.2      167    4.3   297.3
 34    4.0   264.0      101    3.4   297.3      168    4.4   297.5
 35    4.0   264.1      102    3.2   301.1      169    4.5   296.0
 36    4.0   264.5      103    3.1   302.5      170    4.6   294.4
 37    4.0   265.7      104    3.1   302.6      171    4.6   294.5
 38    4.1   267.8      105    3.2   303.1      172    4.5   294.9
 39    3.9   273.5      106    3.4   303.9      173    4.4   295.8
 40    3.7   280.1      107    3.5   304.2      174    4.3   296.5
 41    3.7   286.9      108    3.5   304.3      175    4.1   296.7
 42    3.7   290.2      109    3.5   304.3      176    4.1   295.1
 43    3.8   289.1      110    3.5   304.3      177    4.2   294.7
 44    3.8   287.2      111    3.5   304.8      178    4.3   295.0
 45    3.7   284.7      112    3.5   305.4      179    4.4   295.7
 46    3.6   285.4      113    3.8   306.7      180    4.5   296.5
 47    3.5   287.3      114    4.1   307.6      181    4.6   294.3
 48    3.5   288.7      115    4.1   307.1      182    4.9   294.4
 49    3.4   289.7      116    4.1   306.3      183    4.9   295.5
 50    3.3   290.0      117    4.1   305.3      184    4.9   296.3
 51    3.3   286.6      118    4.2   304.4      185    4.9   297.0
 52    3.4   281.9      119    4.2   303.3      186    4.9   297.7
 53    3.5   279.3      120    4.2   302.3      187    4.7   296.4
 54    3.5   279.7      121    4.2   301.4      188    4.6   294.4
 55    3.6   282.1      122    4.2   300.6      189    4.6   292.7
 56    3.6   285.1      123    4.2   299.9      190    4.6   290.8
 57    3.5   286.8      124    4.2   299.1      191    4.6   291.1
 58    3.5   288.6      125    4.2   298.0      192    4.6   292.0
 59    3.6   291.9      126    4.2   296.3      193    4.5   294.0
 60    3.7   294.3      127    4.3   293.9      194    4.2   296.4
 61    3.7   293.7      128    4.3   291.6      195    4.2   300.1
 62    3.7   291.7      129    4.5   291.2      196    4.2   303.1
 63    3.7   292.3      130    4.6   293.0      197    4.1   305.6
 64    3.7   293.7      131    4.5   295.9      198    4.1   306.5
 65    3.6   295.4      132    4.4   299.1      199    4.2   304.2
 66    3.6   297.1      133    4.4   302.4      200    4.2   295.9
```

```
SNOWBIRD STATION 592     (200M.)        8/APR/76       2001 GMT
LAT= 73.3801N  LONG= 145.5914W  LTER=     1.   LGER=      2.
NIVEL=   9.9   EIVEL=  -4.9     NVER=     0.   EVER=      0.

DPT    SPD   DRN        DPT    SPD   DRN        DPT    SPD   DRN
  0    0.0   999.9       67    5.8   337.8      134    5.6   338.4
  1    0.0   999.9       68    5.9   337.3      135    5.7   338.2
  2    0.0   999.9       69    5.9   336.9      136    5.7   338.3
  3    0.0   999.9       70    5.9   336.6      137    5.5   337.9
  4    7.2   338.8       71    6.0   336.4      138    5.4   337.2
  5    6.9   339.2       72    5.8   336.8      139    5.3   336.3
  6    6.2   340.9       73    5.7   337.4      140    5.3   335.6
  7    6.2   339.7       74    5.7   337.9      141    5.3   334.4
  8    6.2   339.0       75    5.8   338.0      142    5.4   333.7
  9    5.9   339.0       76    5.8   338.7      143    5.4   334.0
 10    5.7   338.6       77    5.6   339.9      144    5.4   334.8
 11    5.7   338.0       78    5.6   340.0      145    5.4   335.5
 12    6.0   338.0       79    5.8   339.2      146    5.5   335.8
 13    6.2   340.2       80    5.6   335.6      147    5.7   335.6
 14    6.2   341.1       81    5.1   334.5      148    5.9   335.5
 15    6.0   341.7       82    5.1   334.7      149    5.7   336.3
 16    5.9   342.2       83    5.0   335.0      150    5.7   337.1
 17    5.7   342.8       84    4.5   335.0      151    5.8   338.1
 18    5.5   343.0       85    4.3   335.2      152    5.9   338.4
 19    5.4   342.8       86    4.2   335.4      153    6.1   338.4
 20    5.2   339.4       87    4.4   335.1      154    6.1   338.1
 21    5.2   334.2       88    4.7   336.7      155    6.1   337.6
 22    5.3   331.7       89    4.9   336.2      156    6.0   336.9
 23    5.4   331.7       90    5.1   334.7      157    6.0   336.1
 24    5.5   331.7       91    5.1   334.7      158    5.9   335.0
 25    5.4   331.5       92    5.4   337.1      159    5.9   333.3
 26    5.2   331.2       93    5.8   340.5      160    6.1   331.6
 27    5.1   330.9       94    5.8   340.7      161    6.2   330.9
 28    5.0   330.7       95    5.6   341.5      162    5.9   331.4
 29    5.1   331.3       96    5.3   342.6      163    5.8   332.6
 30    5.2   331.1       97    5.3   344.2      164    5.7   334.5
 31    5.1   330.0       98    5.5   344.3      165    5.9   336.5
 32    4.9   329.4       99    5.9   343.6      166    6.1   338.2
 33    5.0   330.1      100    6.0   342.9      167    6.2   337.8
 34    5.3   331.7      101    5.9   342.9      168    6.3   337.5
 35    5.6   333.3      102    5.8   341.5      169    6.5   337.5
 36    5.7   334.2      103    6.0   337.3      170    6.6   338.0
 37    5.4   333.5      104    6.2   336.1      171    6.5   338.3
 38    4.6   331.0      105    6.2   335.3      172    6.5   338.3
 39    4.3   329.8      106    6.3   335.1      173    6.5   338.3
 40    4.6   330.0      107    6.1   335.1      174    6.4   338.4
 41    5.0   330.1      108    6.0   335.4      175    6.3   338.7
 42    5.4   330.0      109    5.9   336.1      176    6.0   338.1
 43    5.8   330.1      110    5.9   337.0      177    5.8   337.5
 44    5.8   330.3      111    6.0   338.0      178    5.9   337.1
 45    5.7   330.3      112    6.1   338.1      179    6.1   336.9
 46    5.5   329.9      113    6.1   338.1      180    6.2   336.6
 47    5.5   331.3      114    6.1   338.2      181    6.3   336.5
 48    5.6   332.5      115    5.8   340.6      182    6.3   336.5
 49    5.7   332.4      116    5.7   343.0      183    6.2   337.7
 50    5.9   332.4      117    5.6   342.6      184    6.1   339.2
 51    6.1   332.4      118    5.7   341.8      185    5.8   340.4
 52    6.3   332.8      119    6.0   340.9      186    5.5   340.5
 53    6.0   333.8      120    6.1   341.0      187    5.2   339.9
 54    5.6   337.4      121    6.1   341.5      188    5.1   336.1
 55    5.2   338.4      122    6.2   341.8      189    5.6   332.6
 56    5.0   341.3      123    6.4   341.3      190    6.3   332.0
 57    5.0   344.1      124    6.5   341.0      191    6.8   331.5
 58    5.1   344.1      125    6.3   341.5      192    6.7   330.6
 59    5.4   343.0      126    6.0   342.2      193    6.6   327.2
 60    5.3   342.4      127    5.7   343.1      194    6.4   325.8
 61    5.2   341.9      128    5.6   344.2      195    6.3   324.9
 62    5.2   341.2      129    5.4   342.0      196    6.2   324.8
 63    5.4   340.2      130    5.4   340.4      197    6.3   325.0
 64    5.4   338.8      131    5.4   340.4      198    6.4   325.7
 65    5.3   337.5      132    5.4   340.0      199    6.6   326.4
 66    5.5   337.9      133    5.5   339.6      200    6.6   326.4
```

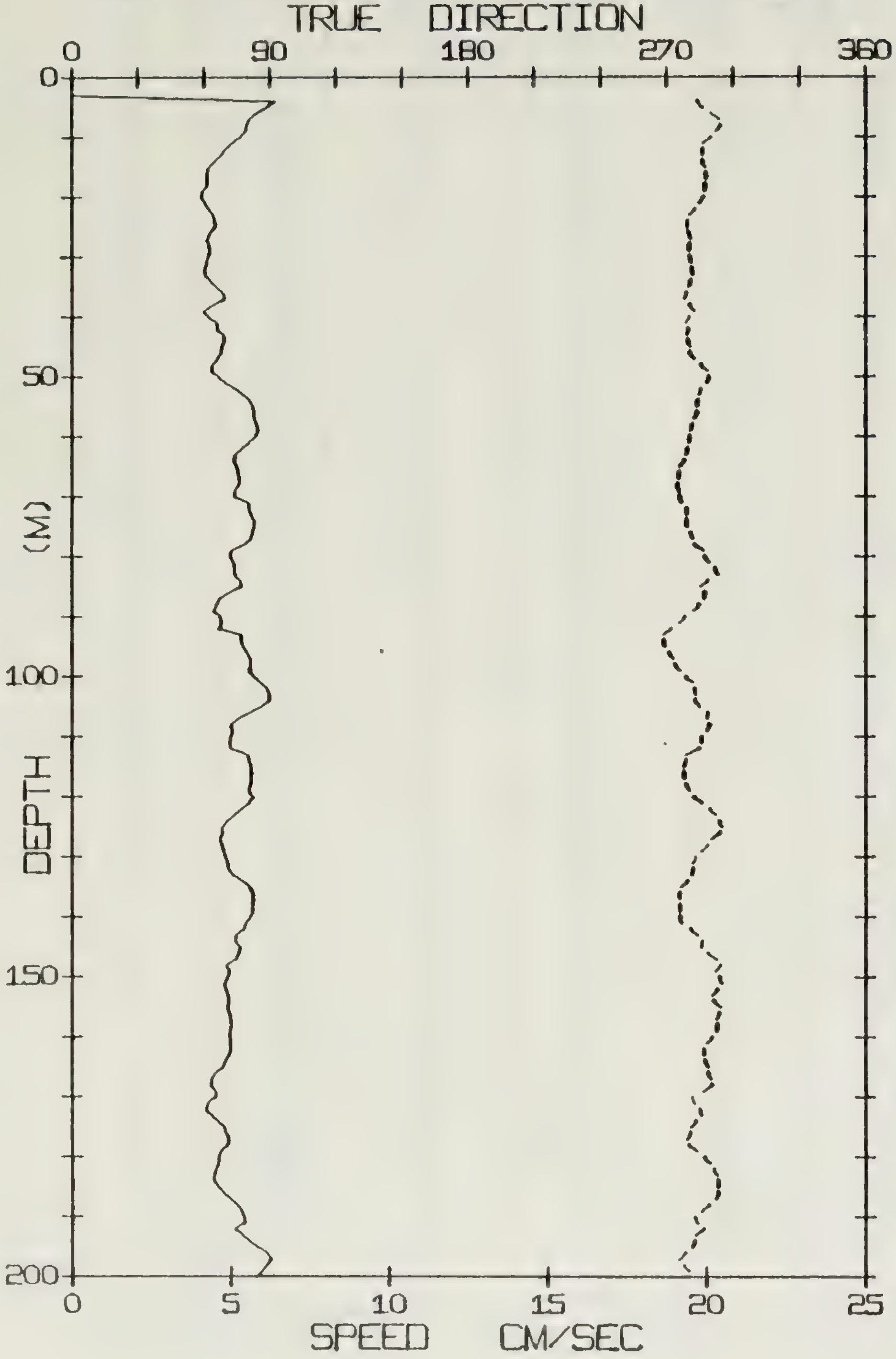

CAMP SNOWBIRD STATION 595
DATE 10/ 4/76 TIME 647(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 594
DATE 9/ 4/76 TIME 2009(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

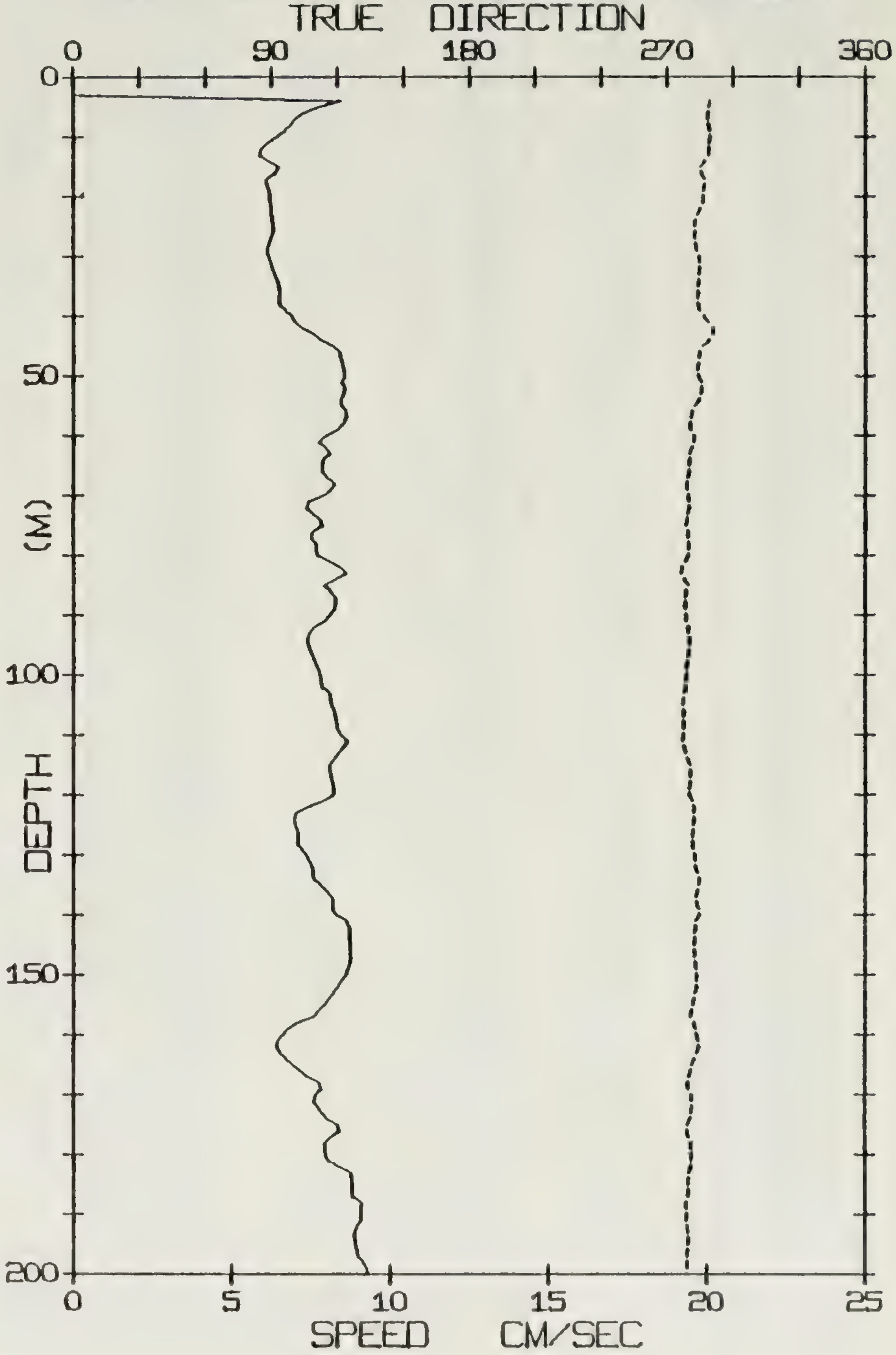
```
SNOWBIRD STATION 594     (200M. )       9/APR/76      2009 GMT
LAT= 73.4095N  LONG= 145.6681W  LTER=      5   LCER=      6
NIVEL=  -6.6   EIVEL=  -3.4     NVER=      0   EVER=      1

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    1.6   201.2      134    2.4   188.5
  1    0.0   999.9       68    1.7   196.9      135    2.3   188.7
  2    0.0   999.9       69    1.7   188.6      136    2.3   188.5
  3    0.0   999.9       70    1.6   182.8      137    2.5   189.9
  4    4.5   235.9       71    1.5   180.0      138    2.7   193.3
  5    3.6   234.9       72    1.9   189.9      139    2.9   194.1
  6    3.1   230.8       73    2.4   197.1      140    2.9   192.1
  7    2.8   226.7       74    2.9   203.3      141    2.7   189.5
  8    2.9   219.7       75    3.1   207.2      142    2.4   186.5
  9    3.1   213.5       76    2.8   211.1      143    2.3   187.8
 10    3.1   211.3       77    2.6   210.4      144    2.4   189.4
 11    2.9   212.2       78    2.6   203.7      145    2.4   188.4
 12    2.7   212.5       79    2.4   196.2      146    2.4   188.5
 13    2.8   211.9       80    2.0   191.5      147    2.3   190.4
 14    2.9   209.6       81    2.0   190.8      148    2.1   189.8
 15    2.8   206.9       82    2.4   194.4      149    1.9   187.5
 16    2.8   205.9       83    2.5   193.7      150    1.9   187.6
 17    3.0   202.0       84    2.7   190.9      151    2.1   186.5
 18    2.9   200.5       85    3.2   189.1      152    2.4   176.8
 19    2.8   198.6       86    3.7   189.7      153    2.5   174.9
 20    2.6   195.9       87    3.7   188.0      154    2.6   175.5
 21    2.5   194.0       88    3.3   183.4      155    2.7   176.8
 22    2.7   196.0       89    3.0   181.0      156    2.8   178.3
 23    2.8   198.9       90    3.1   184.7      157    2.8   180.9
 24    3.1   196.7       91    3.2   188.3      158    3.0   187.7
 25    3.1   196.7       92    3.1   187.6      159    3.3   191.6
 26    2.9   195.5       93    2.8   186.0      160    3.1   190.0
 27    2.9   195.6       94    2.5   183.2      161    2.9   188.2
 28    2.8   195.5       95    2.6   188.5      162    2.7   185.6
 29    2.8   194.9       96    2.8   191.6      163    2.6   183.4
 30    2.7   194.6       97    2.7   190.4      164    2.7   182.5
 31    2.8   196.6       98    2.6   189.1      165    2.9   180.2
 32    2.8   199.8       99    2.8   191.7      166    2.9   183.7
 33    3.0   198.4      100    2.9   194.2      167    2.8   186.3
 34    2.9   197.2      101    2.6   193.6      168    2.7   188.2
 35    2.7   199.9      102    2.5   193.9      169    2.7   189.2
 36    2.5   200.2      103    2.5   194.4      170    2.9   190.3
 37    2.3   196.6      104    2.2   189.7      171    2.9   189.4
 38    2.3   194.9      105    2.2   184.0      172    2.7   186.6
 39    2.3   195.7      106    2.4   186.7      173    2.5   184.6
 40    2.2   202.5      107    2.4   186.2      174    2.4   184.7
 41    2.2   214.6      108    2.3   185.2      175    2.5   178.9
 42    2.2   219.7      109    2.2   183.2      176    2.4   175.8
 43    2.4   221.1      110    2.1   180.3      177    2.2   171.2
 44    2.6   215.0      111    1.9   176.0      178    2.2   169.4
 45    2.6   213.5      112    1.8   174.7      179    2.2   171.6
 46    2.5   211.6      113    1.9   175.9      180    2.6   177.6
 47    2.4   207.3      114    2.1   179.9      181    2.8   181.1
 48    2.2   205.0      115    2.2   182.9      182    3.2   187.4
 49    2.2   205.7      116    2.2   191.0      183    3.6   190.4
 50    2.0   208.4      117    2.2   187.6      184    3.5   189.4
 51    1.8   209.5      118    2.1   184.3      185    3.3   185.6
 52    1.4   212.6      119    2.0   189.6      186    3.1   181.5
 53    1.1   217.1      120    2.0   198.8      187    3.0   181.0
 54    1.3   217.3      121    2.3   207.8      188    2.7   180.7
 55    1.5   211.0      122    2.1   211.2      189    2.3   182.0
 56    1.9   203.0      123    1.8   208.5      190    2.2   181.1
 57    2.1   202.4      124    1.7   203.5      191    2.2   191.1
 58    2.1   202.1      125    1.7   203.0      192    2.4   198.0
 59    2.4   201.4      126    1.8   197.1      193    2.3   199.0
 60    2.6   199.9      127    1.9   196.1      194    2.1   197.7
 61    3.0   199.4      128    2.0   195.1      195    2.2   197.8
 62    3.4   198.9      129    2.2   192.9      196    2.4   198.0
 63    3.6   199.3      130    2.4   191.8      197    2.8   198.0
 64    3.0   194.8      131    2.6   190.7      198    3.3   198.7
 65    2.3   194.3      132    2.7   190.4      199    3.6   201.2
 66    1.7   197.2      133    2.6   189.0      200    3.8   204.0
```

```
SNOWBIRD STATION 595     (200M )        10/APR/76      647 GMT
LAT= 73.3899N  LONG= 145.7186W  LTER=     1.   LCER=     2.
NIVEL=  -2.3   EIVEL=  -5.9     NVER=     0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0   999.9       67    5.2   257.4      134    3.9   280.9
  1    0.0   999.9       68    5.2   257.4      135    4.3   278.9
  2    0.0   999.9       69    5.2   257.3      136    4.4   275.8
  3    0.0   999.9       70    5.2   257.3      137    4.4   275.5
  4    4.0   268.2       71    5.2   257.3      138    4.5   280.3
  5    3.5   268.6       72    5.2   257.3      139    4.6   278.9
  6    3.4   264.3       73    5.2   257.2      140    4.7   276.4
  7    3.5   262.4       74    5.2   257.4      141    4.6   277.2
  8    3.6   261.7       75    5.3   258.0      142    4.5   281.9
  9    3.5   260.2       76    5.3   258.3      143    4.5   287.7
 10    3.5   259.4       77    5.3   258.2      144    4.5   282.9
 11    3.4   261.2       78    5.2   257.7      145    4.7   274.9
 12    3.3   264.0       79    5.2   257.4      146    4.5   287.2
 13    3.5   265.2       80    5.2   257.3      147    4.4   292.0
 14    3.6   265.5       81    5.3   257.7      148    4.5   287.5
 15    3.7   264.7       82    5.3   258.1      149    4.2   282.8
 16    3.8   264.5       83    5.3   258.3      150    4.3   279.0
 17    3.7   265.3       84    5.3   258.1      151    4.2   281.7
 18    3.6   266.5       85    5.2   257.6      152    4.2   282.1
 19    3.6   267.6       86    5.2   257.4      153    4.3   278.1
 20    4.0   262.3       87    5.2   257.4      154    4.4   274.5
 21    4.8   256.2       88    5.2   257.3      155    4.3   279.2
 22    5.0   255.1       89    5.2   257.3      156    4.2   282.8
 23    5.0   255.5       90    5.2   257.3      157    4.0   279.9
 24    5.0   256.3       91    5.3   257.7      158    4.1   275.8
 25    5.1   256.9       92    5.3   258.2      159    4.2   272.8
 26    5.1   257.1       93    5.3   258.3      160    4.2   269.3
 27    5.1   257.0       94    5.0   262.5      161    4.1   268.0
 28    5.1   256.7       95    4.3   271.6      162    3.9   271.4
 29    5.0   256.1       96    3.9   280.9      163    3.7   276.0
 30    5.0   255.4       97    4.0   277.8      164    3.5   280.8
 31    5.0   255.1       98    4.2   272.8      165    3.4   284.5
 32    5.0   255.2       99    4.3   269.3      166    3.4   283.9
 33    5.0   255.4      100    4.1   273.0      167    3.5   280.7
 34    5.0   256.0      101    3.9   279.0      168    3.6   276.9
 35    5.1   256.4      102    4.0   276.4      169    3.8   273.9
 36    5.1   257.0      103    4.4   268.6      170    4.2   273.2
 37    5.1   257.4      104    5.1   258.9      171    4.3   275.0
 38    5.2   257.5      105    5.2   257.2      172    4.4   275.8
 39    5.1   257.3      106    5.2   257.1      173    4.5   273.8
 40    5.1   257.4      107    5.3   257.1      174    4.4   272.4
 41    5.2   257.9      108    5.3   257.3      175    4.3   272.7
 42    5.2   258.0      109    5.3   257.7      176    4.1   274.5
 43    5.2   257.9      110    5.4   258.0      177    4.0   276.7
 44    5.2   257.9      111    5.4   257.7      178    4.0   277.0
 45    5.2   257.9      112    5.3   257.3      179    4.1   277.6
 46    5.2   257.9      113    5.3   256.8      180    4.2   279.1
 47    5.3   258.7      114    5.3   256.8      181    4.2   282.0
 48    5.3   259.0      115    5.3   257.2      182    4.1   285.9
 49    5.3   258.9      116    5.4   257.5      183    4.1   285.7
 50    5.3   258.4      117    5.0   263.3      184    4.2   282.5
 51    5.2   257.7      118    4.4   274.7      185    4.2   280.5
 52    5.1   256.7      119    4.2   273.6      186    4.3   279.9
 53    5.1   256.3      120    4.2   273.2      187    4.2   281.2
 54    5.1   256.7      121    4.0   276.5      188    4.2   282.3
 55    5.2   257.2      122    3.8   281.6      189    4.3   278.3
 56    5.2   257.6      123    3.5   281.5      190    4.4   274.5
 57    5.2   258.0      124    3.6   278.9      191    4.5   270.8
 58    5.2   258.0      125    3.5   282.0      192    4.7   268.2
 59    5.2   257.7      126    3.6   280.3      193    4.7   268.2
 60    5.2   257.7      127    3.7   277.4      194    4.6   269.9
 61    5.2   258.0      128    3.6   280.4      195    4.5   271.0
 62    5.3   258.2      129    3.5   283.4      196    4.6   269.0
 63    5.3   258.2      130    3.7   281.2      197    4.9   264.2
 64    5.2   257.8      131    3.9   278.2      198    5.3   257.8
 65    5.2   257.4      132    4.1   274.6      199    5.3   257.5
 66    5.2   257.4      133    4.1   275.9      200    5.4   257.6
```

CAMP SNOWBIRD STATION 596
DATE 10/ 4/76 TIME 1937(GMT)

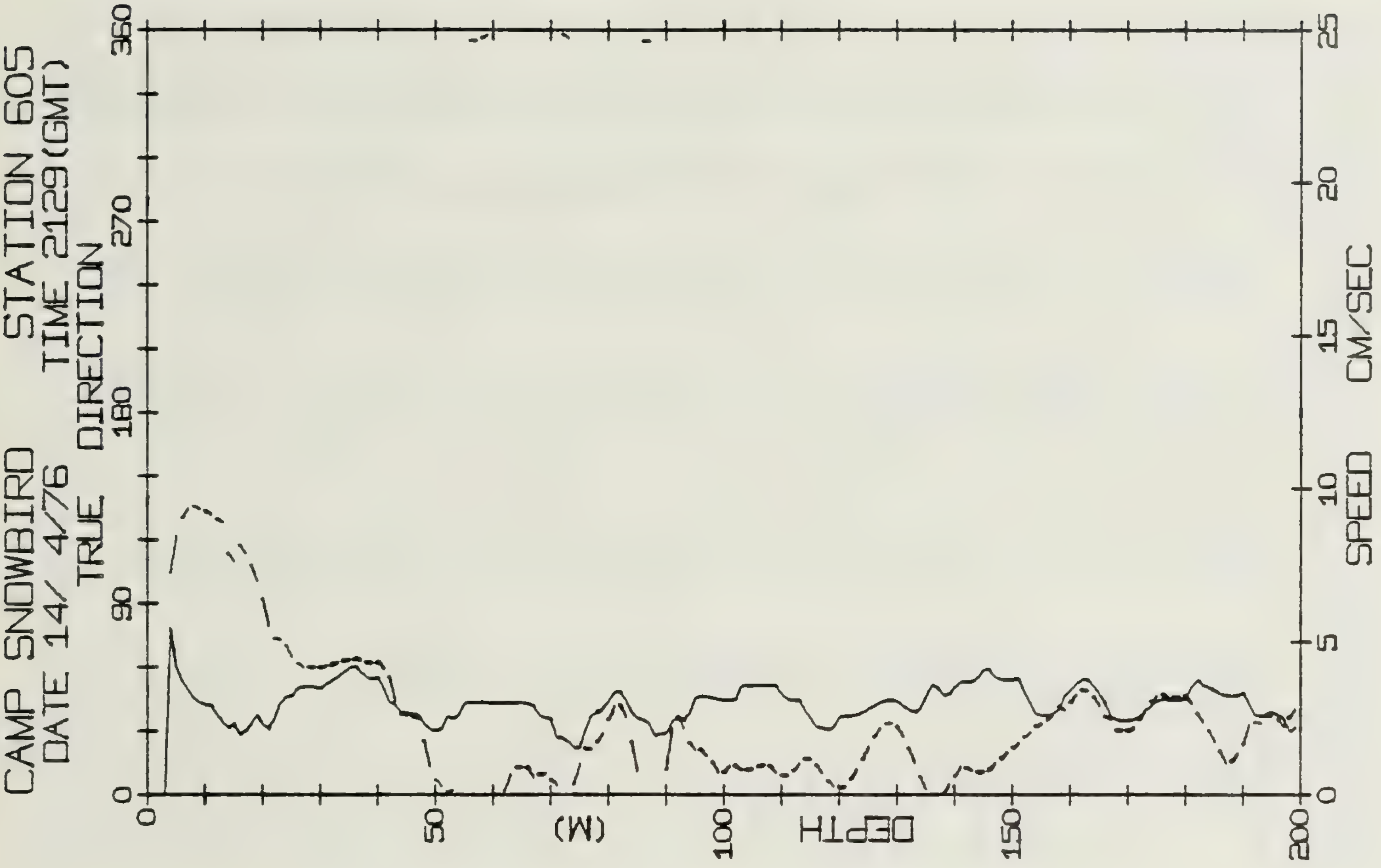


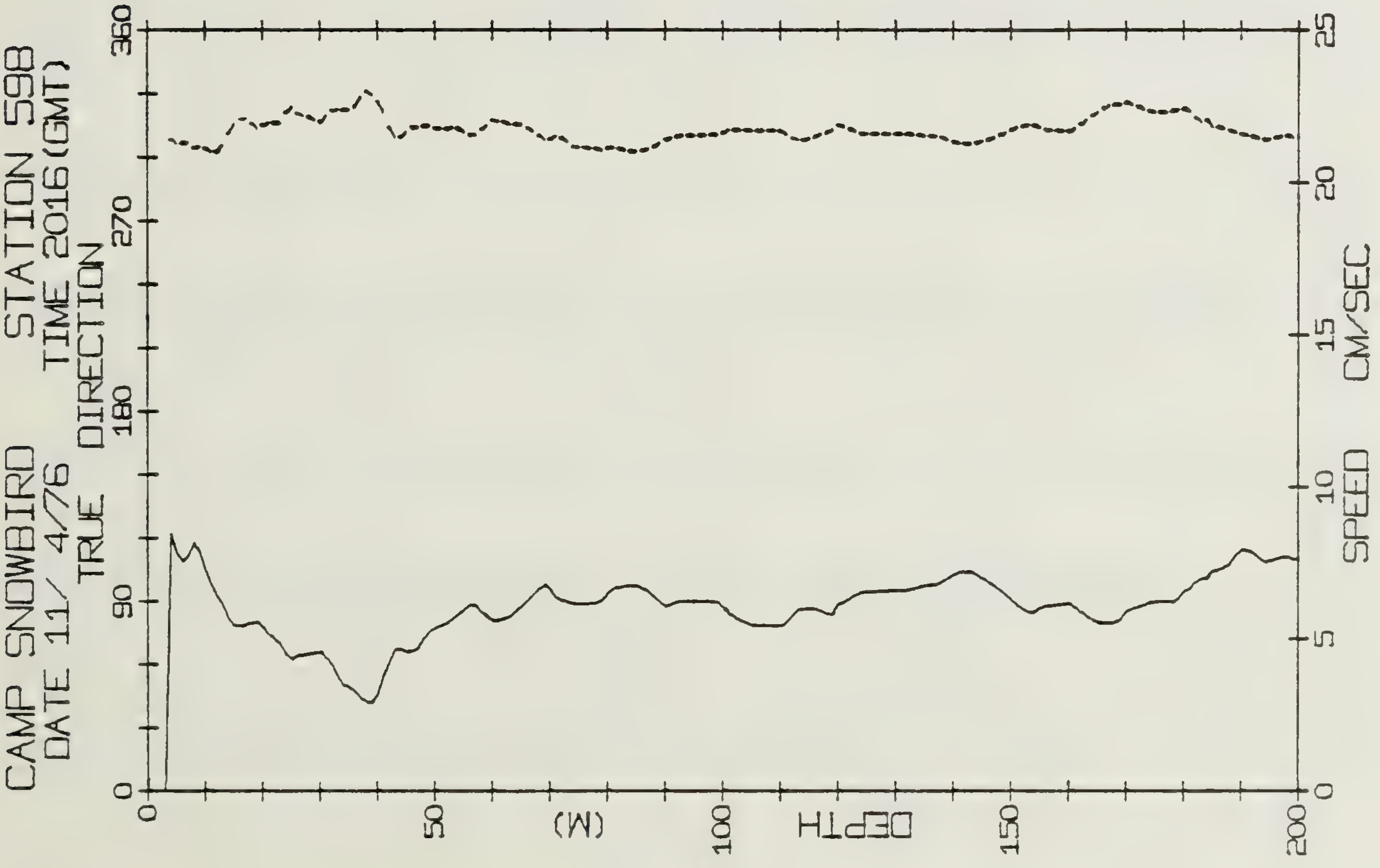
CAMP SNOWBIRD STATION 597
DATE 11/ 4/76 TIME 644(GMT)



```
SNOWBIRD STATION 596     (200M.)      10/APR/76       1937 GMT
LAT= 73.3789N  LONG= 145.8122W  LTER=      0   LGER=      0.
NIVEL=  -1.5   EIVEL=  -8.8     NVER=      0.  EVER=      0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   5.3  274.9      134   5.4  279.6
  1   0.0  999.9       68   5.3  274.8      135   5.6  276.6
  2   0.0  999.9       69   5.1  275.6      136   5.7  275.7
  3   0.0  999.9       70   5.1  276.0      137   5.7  276.1
  4   6.4  283.9       71   5.6  277.0      138   5.7  276.3
  5   6.1  286.1       72   5.6  279.1      139   5.7  276.1
  6   5.8  290.1       73   5.7  279.3      140   5.6  276.0
  7   5.6  293.6       74   5.8  279.0      141   5.5  276.9
  8   5.5  294.4       75   5.7  279.5      142   5.4  281.1
  9   5.4  292.4       76   5.7  281.0      143   5.2  284.0
 10   5.3  289.9       77   5.6  282.1      144   5.2  285.9
 11   5.0  286.8       78   5.4  283.1      145   5.3  285.8
 12   4.8  286.2       79   5.0  286.8      146   5.2  288.6
 13   4.7  286.5       80   5.0  287.7      147   5.2  292.6
 14   4.5  286.3       81   5.1  289.3      148   4.9  294.4
 15   4.3  287.5       82   5.1  292.1      149   5.0  292.6
 16   4.3  288.2       83   5.2  293.3      150   4.9  294.0
 17   4.3  287.8       84   5.3  288.9      151   4.8  295.1
 18   4.3  287.5       85   5.3  285.8      152   4.9  293.1
 19   4.1  287.2       86   4.9  287.4      153   4.9  291.0
 20   4.1  286.4       87   4.6  286.9      154   4.9  291.6
 21   4.2  284.8       88   4.5  284.7      155   4.9  294.3
 22   4.3  282.7       89   4.5  282.5      156   5.0  293.8
 23   4.5  280.6       90   4.7  278.2      157   5.0  292.7
 24   4.6  279.4       91   4.7  276.0      158   5.0  292.9
 25   4.5  279.6       92   4.6  272.0      159   5.0  292.8
 26   4.3  280.4       93   5.3  268.8      160   5.0  290.8
 27   4.3  281.2       94   5.4  268.7      161   5.0  288.4
 28   4.3  280.4       95   5.4  269.3      162   5.0  287.2
 29   4.3  280.3       96   5.5  271.0      163   4.9  286.9
 30   4.3  280.7       97   5.7  272.9      164   4.8  287.7
 31   4.2  281.5       98   5.6  274.0      165   4.7  288.9
 32   4.2  281.9       99   5.6  275.9      166   4.5  289.0
 33   4.2  282.1      100   5.8  278.7      167   4.4  290.2
 34   4.4  281.1      101   6.0  281.7      168   4.4  290.7
 35   4.6  280.0      102   6.2  283.1      169   4.5  287.2
 36   4.8  278.8      103   6.2  283.3      170   4.5  281.9
 37   4.9  277.8      104   6.2  283.2      171   4.3  282.8
 38   4.5  280.7      105   6.0  285.1      172   4.2  285.0
 39   4.2  282.7      106   5.6  288.6      173   4.4  285.9
 40   4.3  280.6      107   5.2  288.1      174   4.6  283.5
 41   4.6  278.8      108   5.0  289.7      175   4.8  281.3
 42   4.6  279.8      109   5.1  288.2      176   4.9  280.6
 43   4.8  279.1      110   5.0  286.3      177   5.0  279.4
 44   4.8  279.9      111   5.0  285.7      178   4.9  280.3
 45   4.7  280.9      112   5.0  284.7      179   4.7  283.8
 46   4.7  280.8      113   5.6  279.2      180   4.6  287.3
 47   4.6  282.6      114   5.6  278.5      181   4.6  289.6
 48   4.4  285.7      115   5.7  277.8      182   4.5  291.4
 49   4.4  288.6      116   5.7  277.6      183   4.5  293.0
 50   4.6  289.3      117   5.7  278.2      184   4.5  293.7
 51   4.9  288.2      118   5.6  279.5      185   4.6  293.5
 52   5.2  285.9      119   5.6  280.7      186   4.8  293.4
 53   5.4  284.8      120   5.7  282.5      187   5.0  292.2
 54   5.6  284.0      121   5.6  286.2      188   5.2  289.4
 55   5.7  283.7      122   5.3  289.8      189   5.4  285.9
 56   5.7  283.7      123   5.1  292.1      190   5.4  283.1
 57   5.8  282.7      124   4.9  293.8      191   5.4  284.2
 58   5.9  281.5      125   4.7  295.2      192   5.1  286.6
 59   5.9  280.8      126   4.8  294.1      193   5.4  283.3
 60   5.8  280.3      127   4.7  290.5      194   5.6  282.5
 61   5.6  280.3      128   4.7  288.7      195   5.8  281.6
 62   5.3  279.5      129   4.8  286.2      196   6.2  278.4
 63   5.2  278.5      130   4.9  283.4      197   6.3  275.8
 64   5.1  277.6      131   4.9  282.1      198   6.2  277.7
 65   5.2  275.9      132   5.0  282.0      199   6.0  280.2
 66   5.3  275.3      133   5.1  281.2      200   5.8  282.7
```

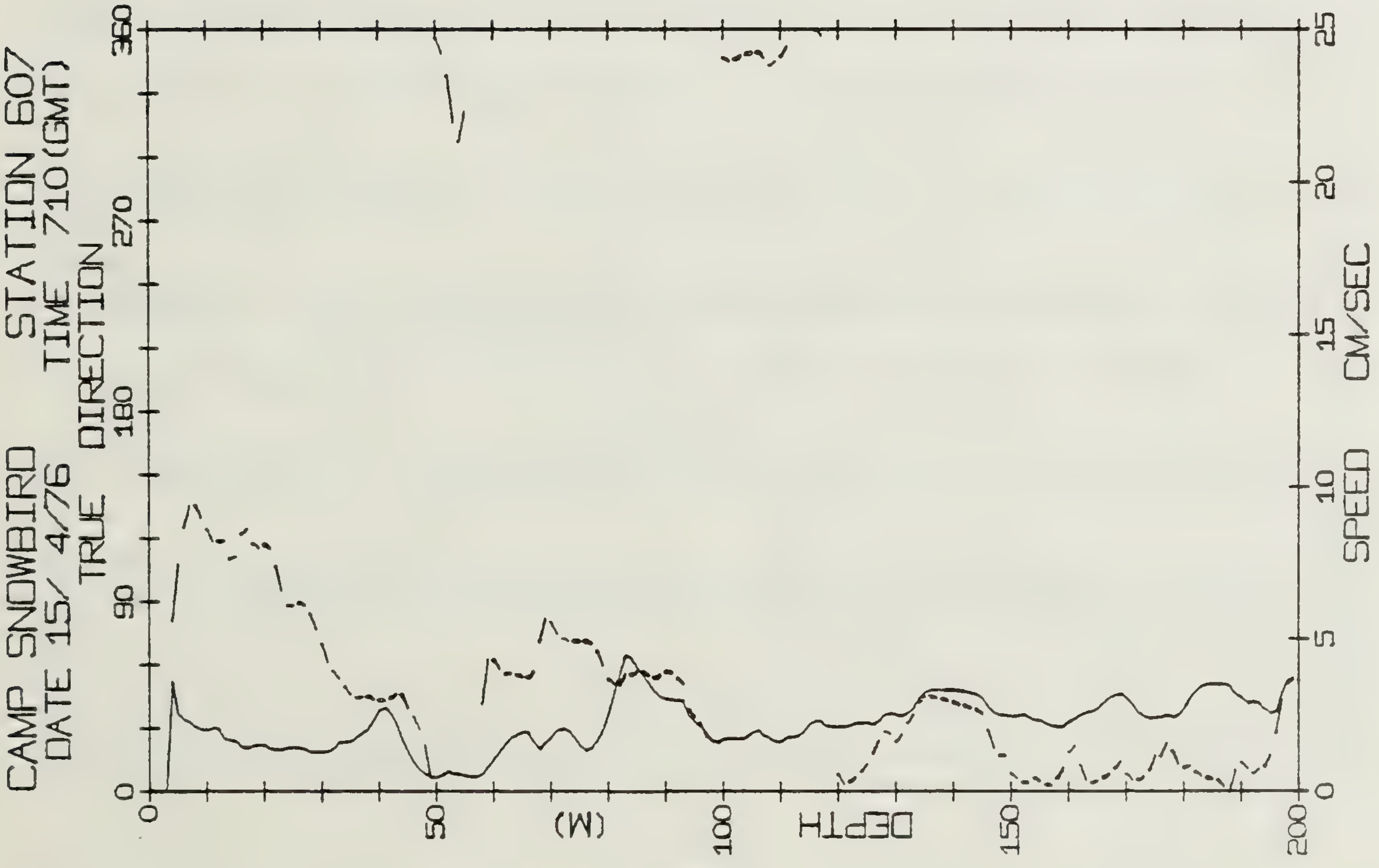
```
SNOWBIRD STATION 597     (200M.)      11/APR/76        644 GMT
LAT= 73.3748N  LONG= 145.9381W  LTER=      1   LGER=      2.
NIVEL=   0.3   EIVEL= -10.9     NVER=      0.  EVER=      0.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   8.0  279.0      134   7.6  284.5
  1   0.0  999.9       68   8.3  278.5      135   7.8  283.9
  2   0.0  999.9       69   8.1  279.3      136   8.0  283.3
  3   0.0  999.9       70   7.9  279.8      137   8.2  282.7
  4   8.4  289.1       71   7.4  279.9      138   8.2  283.2
  5   7.8  288.5       72   7.3  279.6      139   8.2  284.5
  6   7.2  287.9       73   7.6  279.0      140   8.3  284.4
  7   7.0  287.9       74   7.8  278.6      141   8.7  282.7
  8   6.8  288.7       75   7.9  278.3      142   8.7  282.3
  9   6.7  289.3       76   7.5  279.4      143   8.7  282.2
 10   6.4  289.1       77   7.5  279.6      144   8.8  282.3
 11   6.1  288.5       78   7.7  279.9      145   8.8  282.3
 12   5.9  288.4       79   7.7  279.7      146   8.8  282.3
 13   5.9  288.6       80   7.7  279.1      147   8.8  282.4
 14   6.2  286.7       81   8.1  277.9      148   8.7  282.8
 15   6.5  284.8       82   8.4  276.5      149   8.7  283.2
 16   6.4  285.3       83   8.6  276.0      150   8.6  283.4
 17   6.1  286.9       84   8.3  277.7      151   8.4  283.5
 18   6.1  286.6       85   7.9  279.6      152   8.3  283.1
 19   6.2  286.1       86   8.1  278.4      153   8.2  282.4
 20   6.2  285.9       87   8.3  277.8      154   8.0  281.7
 21   6.2  285.8       88   8.3  278.0      155   7.9  281.1
 22   6.3  284.7       89   8.2  278.4      156   7.7  280.5
 23   6.3  283.3       90   8.1  278.5      157   7.6  280.4
 24   6.3  282.3       91   7.9  278.5      158   7.1  282.0
 25   6.3  282.2       92   7.6  279.6      159   6.8  283.0
 26   6.3  282.4       93   7.4  280.0      160   6.6  283.6
 27   6.2  282.6       94   7.4  280.1      161   6.4  284.1
 28   6.2  282.9       95   7.4  279.8      162   6.4  283.9
 29   6.1  283.4       96   7.5  279.5      163   6.5  283.0
 30   6.2  284.4       97   7.6  279.2      164   6.7  281.9
 31   6.2  284.6       98   7.7  278.8      165   6.9  280.8
 32   6.3  284.4       99   7.7  278.5      166   7.2  280.1
 33   6.4  284.1      100   7.8  278.2      167   7.4  279.4
 34   6.4  283.9      101   7.8  278.1      168   7.8  278.8
 35   6.5  283.6      102   7.9  278.1      169   7.8  279.7
 36   6.5  283.7      103   8.1  277.5      170   7.6  281.0
 37   6.5  283.8      104   8.1  276.9      171   7.6  281.3
 38   6.5  283.8      105   8.2  277.0      172   7.7  280.8
 39   6.7  284.8      106   8.3  277.5      173   7.9  280.4
 40   6.9  286.5      107   8.3  277.4      174   8.0  279.8
 41   7.0  288.7      108   8.3  277.4      175   8.3  278.7
 42   7.2  290.6      109   8.4  277.3      176   8.4  278.5
 43   7.6  290.6      110   8.5  277.1      177   8.1  279.9
 44   7.8  288.8      111   8.7  276.8      178   7.9  280.7
 45   8.2  286.0      112   8.5  277.6      179   8.0  280.8
 46   8.4  284.4      113   8.4  278.5      180   8.0  281.0
 47   8.5  284.1      114   8.2  279.5      181   8.1  281.0
 48   8.5  283.8      115   8.1  280.5      182   8.4  280.4
 49   8.6  283.6      116   8.1  280.5      183   8.8  279.4
 50   8.6  284.2      117   8.2  280.3      184   8.8  279.6
 51   8.5  285.5      118   8.2  280.1      185   8.8  279.6
 52   8.6  285.5      119   8.2  279.9      186   8.8  279.7
 53   8.5  284.9      120   8.2  280.2      187   8.8  279.7
 54   8.4  284.0      121   7.9  281.6      188   9.1  278.4
 55   8.5  282.4      122   7.4  282.3      189   9.1  278.7
 56   8.6  281.1      123   7.0  281.9      190   9.1  278.8
 57   8.6  280.7      124   7.0  282.0      191   9.1  278.8
 58   8.5  280.2      125   7.0  281.7      192   9.0  279.4
 59   8.3  280.6      126   7.1  281.3      193   8.9  279.7
 60   8.0  282.1      127   7.1  281.4      194   8.9  279.5
 61   7.8  282.1      128   7.1  281.5      195   8.9  279.2
 62   8.0  280.9      129   7.2  281.9      196   9.0  279.1
 63   8.1  280.0      130   7.4  282.6      197   9.0  279.0
 64   7.9  280.2      131   7.5  282.8      198   9.2  279.2
 65   7.9  279.9      132   7.6  282.9      199   9.3  279.4
 66   7.9  279.6      133   7.6  283.9      200   9.3  279.4
```

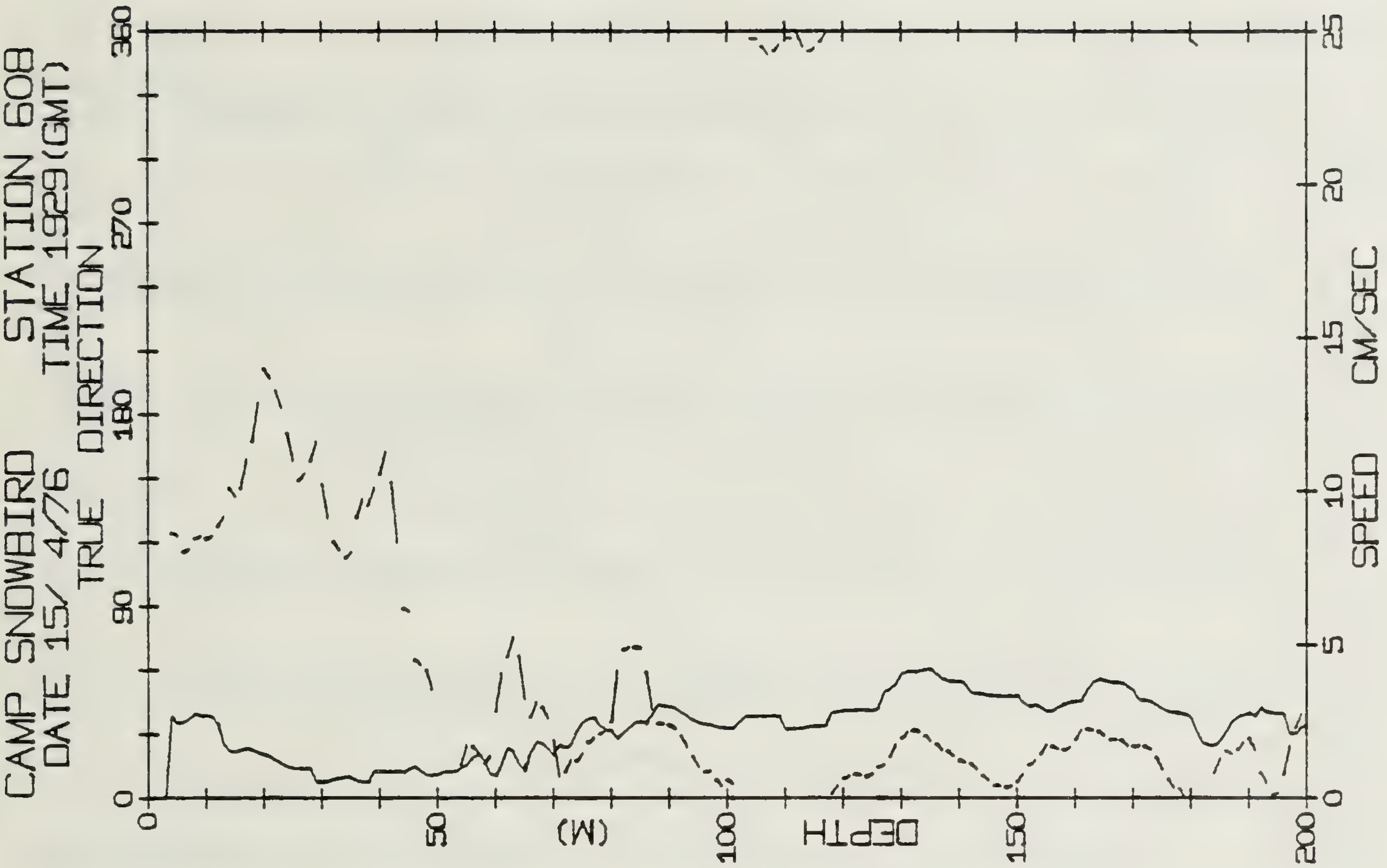

CAMP SNOWBIRD
STATION 605
DATE 14/ 4/76
TIME 2129(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD
STATION 598
DATE 11/ 4/76
TIME 2016(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 598     (200M.)      11/APR/76     2016 GMT
LAT= 73.3806N  LONG= 146.1238W  LTER=     0.  LGER=    0.
NIVEL=   3.3   EIVEL= -12.4     NVER=     0.  EVER=    0.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    6.5   312.2    134    6.7   310.3
  1    0.0   999.9     68    6.7   310.6    135    6.8   310.0
  2    0.0   999.9     69    6.8   308.4    136    6.8   309.8
  3    0.0   999.9     70    6.7   308.8    137    6.8   309.8
  4    8.5   308.5     71    6.4   310.4    138    6.9   309.1
  5    7.8   306.4     72    6.3   309.1    139    7.0   308.2
  6    7.6   306.6     73    6.2   307.3    140    7.1   307.2
  7    7.7   306.8     74    6.2   305.0    141    7.2   306.5
  8    8.2   304.3     75    6.2   304.4    142    7.2   306.5
  9    7.9   304.9     76    6.2   304.2    143    7.2   306.4
 10    7.3   303.7     77    6.2   303.9    144    7.1   307.2
 11    6.8   302.4     78    6.2   303.8    145    7.0   307.9
 12    6.4   302.4     79    6.3   303.2    146    6.9   308.7
 13    6.1   305.9     80    6.5   304.3    147    6.8   309.5
 14    5.7   311.2     81    6.7   304.6    148    6.6   310.6
 15    5.4   315.6     82    6.7   303.8    149    6.5   311.9
 16    5.4   318.0     83    6.8   303.0    150    6.3   313.3
 17    5.5   318.3     84    6.8   302.5    151    6.1   314.5
 18    5.6   316.1     85    6.8   302.6    152    6.0   315.1
 19    5.6   313.9     86    6.7   303.3    153    5.9   315.5
 20    5.4   315.3     87    6.6   304.1    154    5.9   315.1
 21    5.1   316.4     88    6.4   305.4    155    6.0   313.9
 22    5.0   316.1     89    6.2   306.9    156    6.1   313.0
 23    4.8   316.6     90    6.1   308.4    157    6.1   312.8
 24    4.5   321.1     91    6.2   309.4    158    6.2   312.6
 25    4.3   323.5     92    6.3   310.3    159    6.2   312.4
 26    4.5   320.6     93    6.2   310.4    160    6.2   312.4
 27    4.5   319.6     94    6.2   310.5    161    6.0   313.9
 28    4.5   318.6     95    6.2   310.6    162    5.9   315.7
 29    4.6   317.6     96    6.2   310.7    163    5.8   317.7
 30    4.6   316.6     97    6.2   310.8    164    5.6   319.7
 31    4.4   319.2     98    6.2   310.9    165    5.5   321.4
 32    4.2   321.9     99    6.2   311.0    166    5.5   323.0
 33    3.8   322.7    100    6.1   311.8    167    5.5   324.7
 34    3.5   322.1    101    5.9   313.2    168    5.6   325.0
 35    3.4   322.5    102    5.7   313.0    169    5.7   325.1
 36    3.3   324.2    103    5.6   312.8    170    5.9   326.0
 37    3.1   328.0    104    5.5   312.8    171    6.0   325.0
 38    2.9   330.9    105    5.5   312.6    172    6.1   323.7
 39    2.9   329.5    106    5.4   312.5    173    6.1   322.7
 40    3.2   326.2    107    5.4   312.5    174    6.2   321.6
 41    3.8   321.5    108    5.4   312.5    175    6.2   321.1
 42    4.2   314.4    109    5.4   312.4    176    6.3   321.2
 43    4.7   309.5    110    5.4   312.4    177    6.2   321.6
 44    4.7   309.5    111    5.6   310.8    178    6.2   322.1
 45    4.6   312.2    112    5.8   309.2    179    6.3   322.6
 46    4.6   314.2    113    6.0   308.2    180    6.6   323.0
 47    4.7   314.3    114    6.0   308.4    181    6.7   321.7
 48    5.0   315.0    115    6.0   309.0    182    6.9   318.8
 49    5.2   315.0    116    6.0   310.0    183    7.0   317.1
 50    5.4   314.0    117    5.9   311.2    184    7.0   317.6
 51    5.5   313.4    118    5.8   312.2    185    7.2   314.6
 52    5.5   313.6    119    5.8   313.2    186    7.3   314.0
 53    5.7   314.3    120    6.2   315.0    187    7.4   313.7
 54    5.8   313.4    121    6.3   314.3    188    7.5   312.6
 55    6.0   311.9    122    6.3   313.3    189    7.8   311.7
 56    6.1   310.4    123    6.5   312.0    190    7.9   310.7
 57    6.1   310.9    124    6.6   311.1    191    7.9   310.3
 58    5.9   313.2    125    6.6   311.1    192    7.8   309.5
 59    5.7   315.3    126    6.6   311.1    193    7.7   308.8
 60    5.6   317.2    127    6.6   311.1    194    7.5   308.3
 61    5.6   316.9    128    6.6   311.1    195    7.6   309.0
 62    5.7   316.3    129    6.6   311.2    196    7.7   309.6
 63    5.8   315.6    130    6.6   311.2    197    7.7   310.2
 64    5.9   315.6    131    6.6   311.2    198    7.7   310.4
 65    6.1   315.4    132    6.6   310.9    199    7.6   309.4
 66    6.3   313.8    133    6.7   310.6    200    7.7   309.1
```

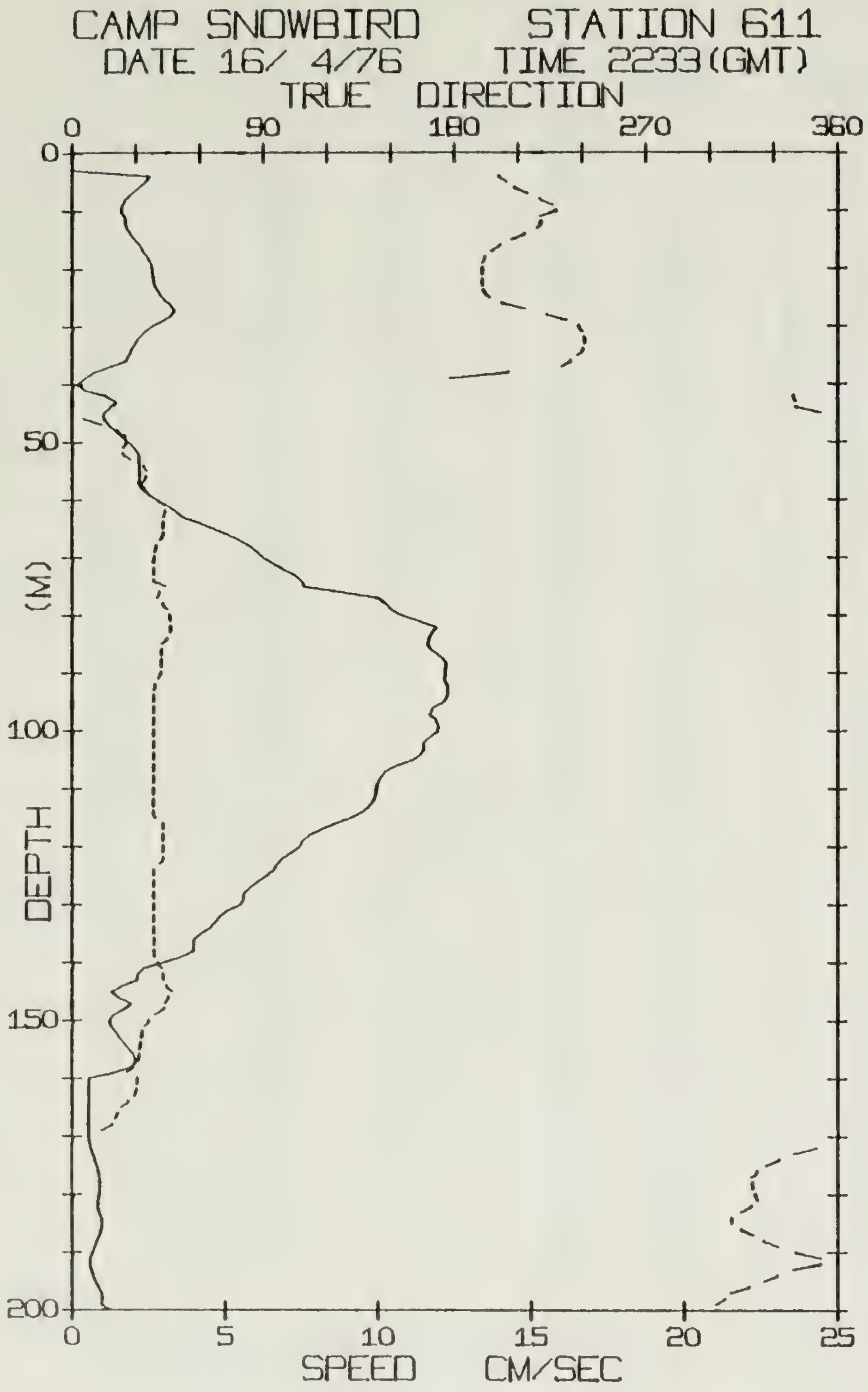
```
SNOWBIRD STATION 605     (199M.)      14/APR/76     2129 GMT
LAT= 73.3903N  LONG= 146.0559W  LTER=    85.  LGER=  107.
NIVEL=   2.5   EIVEL=  11.3     NVER=     1.  EVER=    2.

DPT    SPD   DRN      DPT    SPD   DRN      DPT    SPD   DRN
  0    0.0   999.9     67    2.9     8.3    134    2.8     8.5
  1    0.0   999.9     68    2.6     9.6    135    3.2     2.4
  2    0.0   999.9     69    2.5    10.4    136    3.6     0.2
  3    0.0   999.9     70    2.5     6.9    137    3.5     0.5
  4    5.5   104.9     71    1.9     4.6    138    3.3     0.4
  5    4.2   121.6     72    1.8   358.1    139    3.3     4.7
  6    3.7   130.5     73    1.7   356.4    140    3.5     9.0
  7    3.4   134.5     74    1.5     5.0    141    3.7    13.2
  8    3.2   135.8     75    1.5    14.5    142    3.7    12.8
  9    3.0   134.7     76    2.1    21.5    143    3.7    11.5
 10    2.9   133.4     77    2.6    21.4    144    3.9    10.7
 11    2.9   131.9     78    2.7    24.8    145    4.1    11.3
 12    2.6   129.7     79    2.8    28.7    146    4.1    12.4
 13    2.4   128.1     80    3.1    35.3    147    3.8    15.0
 14    2.2   113.5     81    3.4    41.6    148    3.8    17.4
 15    2.3   109.9     82    3.4    42.4    149    3.8    19.8
 16    2.0   117.0     83    3.1    37.1    150    3.8    22.1
 17    2.1   113.6     84    2.7    24.9    151    3.8    24.4
 18    2.3   107.9     85    2.5    11.6    152    3.4    27.2
 19    2.6   100.8     86    2.4   354.8    153    3.0    29.1
 20    2.3    92.0     87    2.3   354.7    154    2.7    32.2
 21    2.1    79.6     88    1.9     4.0    155    2.6    33.5
 22    2.5    73.6     89    2.0   347.0    156    2.6    35.4
 23    3.0    73.0     90    2.0    12.2    157    2.7    37.8
 24    3.2    70.4     91    2.4    31.2    158    2.8    41.6
 25    3.3    65.3     92    2.6    36.5    159    3.2    40.0
 26    3.5    61.8     93    2.4    31.5    160    3.4    43.9
 27    3.5    60.1     94    2.7    24.6    161    3.6    47.2
 28    3.5    60.1     95    3.2    21.1    162    3.8    49.2
 29    3.5    59.7     96    3.2    20.9    163    3.7    48.9
 30    3.5    59.8     97    3.2    18.4    164    3.6    46.4
 31    3.6    60.7     98    3.2    15.5    165    3.3    42.2
 32    3.7    61.5     99    3.1    10.8    166    3.0    36.9
 33    3.9    62.3    100    3.1    10.8    167    2.6    35.1
 34    4.0    63.2    101    3.1    13.8    168    2.4    30.4
 35    4.2    64.0    102    3.1    13.6    169    2.4    30.2
 36    4.2    64.2    103    3.6    11.9    170    2.4    30.0
 37    4.0    63.1    104    3.6    12.1    171    2.5    31.7
 38    3.8    62.2    105    3.6    12.6    172    2.6    35.7
 39    3.8    61.8    106    3.6    13.8    173    2.8    40.6
 40    3.9    62.3    107    3.6    14.4    174    2.9    44.2
 41    3.5    59.5    108    3.6    13.6    175    3.1    46.3
 42    3.0    55.5    109    3.6    10.6    176    3.2    47.5
 43    2.9    44.6    110    3.3     9.3    177    3.1    46.0
 44    2.7    38.0    111    3.1     9.5    178    3.1    45.8
 45    2.7    37.4    112    3.1    11.6    179    3.1    45.8
 46    2.6    36.8    113    3.1    14.3    180    3.2    46.9
 47    2.6    35.9    114    2.8    17.0    181    3.5    43.2
 48    2.3    25.4    115    2.5    16.9    182    3.7    38.5
 49    2.1    13.7    116    2.2    14.2    183    3.6    34.5
 50    2.1     6.7    117    2.2    10.4    184    3.5    30.5
 51    2.2     4.5    118    2.1     6.5    185    3.4    25.7
 52    2.5     1.6    119    2.2     4.0    186    3.3    20.7
 53    2.5     2.0    120    2.5     3.2    187    3.2    15.4
 54    2.6     2.2    121    2.6     4.0    188    3.2    15.9
 55    3.0   358.8    122    2.6     7.5    189    3.3    19.4
 56    3.0   355.0    123    2.6    11.9    190    3.4    24.0
 57    3.0   355.2    124    2.7    16.8    191    3.0    32.5
 58    3.0   356.5    125    2.8    22.3    192    2.6    34.2
 59    3.0   357.9    126    2.9    27.2    193    2.6    33.4
 60    3.0     0.5    127    3.0    31.2    194    2.7    37.5
 61    3.0   358.4    128    3.1    33.4    195    2.7    37.9
 62    3.0     1.9    129    3.1    33.6    196    2.6    35.6
 63    3.0     9.8    130    3.0    31.9    197    2.5    32.3
 64    3.0    12.7    131    2.9    27.6    198    2.1    36.4
 65    3.0    13.2    132    2.8    22.0    199    2.2    40.5
 66    3.0    12.8    133    2.7    15.6
```

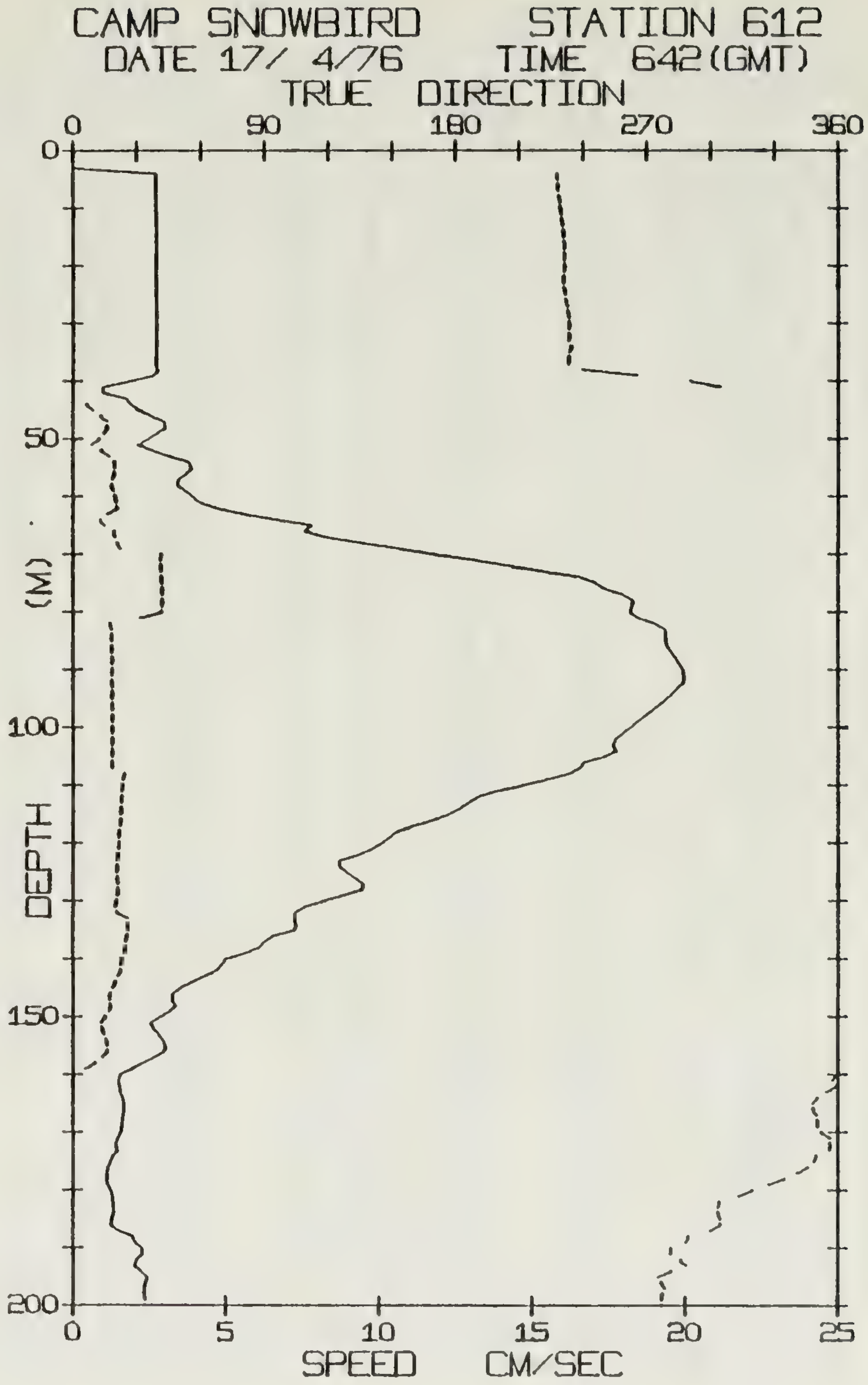

CAMP SNOWBIRD STATION 607
DATE 15/ 4/76 TIME 710(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC


CAMP SNOWBIRD STATION 608
DATE 15/ 4/76 TIME 1929(GMT)
TRUE DIRECTION
0
90
180
270
360
0
50
(M)
100
DEPTH
150
200
0
5
10
15
20
25
SPEED CM/SEC

```
SNOWBIRD STATION 607     (199M.)     15/APR/76      710 GMT
LAT= 73.3989N  LONG= 145.9446W  LTER=    1.  LGER=    2.
NIVEL=   2.8  EIVEL=    5 5     NVER=    0.  EVER=    0

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    1.6   57 0      134    3.1   42.6
  1    0 0  999.9       68    1.4   70.9      135    3.3   44.8
  2    0.0  999.9       69    1.6   81.9      136    3.3   45.1
  3    0.0  999 9       70    1.8   79.8      137    3.3   44.1
  4    3.6   81.2       71    2.0   74.9      138    3.3   43.5
  5    2.5  107.4       72    2.1   72 5      139    3.3   42.7
  6    2.4  124.9       73    2.0   71.2      140    3.3   41.7
  7    2 3  135.2       74    1.8   70.8      141    3.3   40.8
  8    2.1  135.5       75    1.5   70.9      142    3.2   40.0
  9    2.0  129 8       76    1.3   71.2      143    3.2   39.2
 10    2.0  124 2       77    1.4   69.7      144    3.2   38.3
 11    2 1  118.8       78    1.7   66.3      145    3.0   36.3
 12    2.0  118.3       79    2.0   59.7      146    2.8   29.0
 13    1.7  118.8       80    2.5   53.1      147    2.6   20.6
 14    1.7  110.5       81    3.2   50.5      148    2.5   16.9
 15    1.6  111.3       82    3.9   50.7      149    2.5   16.8
 16    1.5  121.9       83    4.5   55.6      150    2.4    8.3
 17    1 4  124.4       84    4.4   55.0      151    2.5    6.2
 18    1.5  117.4       85    4.1   56.9      152    2.5    4.1
 19    1.5  115.6       86    3.8   56.2      153    2.4    4.3
 20    1.5  117.1       87    3.6   54.7      154    2.3    6.0
 21    1.4  115.2       88    3.3   53.8      155    2.3    4.6
 22    1.3  106.4       89    3.1   55.1      156    2.2    3.2
 23    1.4   95.2       90    3.0   56.8      157    2.1    2.8
 24    1.4   88.0       91    3.0   56.3      158    2.1    6.3
 25    1.4   88.2       92    3.0   53.5      159    2.1   10.9
 26    1.4   89.3       93    3.0   50.8      160    2.3   18.5
 27    1.4   88.2       94    2.5   38.6      161    2.4   21.1
 28    1.3   84.1       95    2.3   35.4      162    2.5   12.3
 29    1.3   76.8       96    2.1   32.5      163    2.6    5.6
 30    1.3   69 9       97    1.9   26.1      164    2.6    4.1
 31    1.3   61.6       98    1.7   13.8      165    2.7    4.9
 32    1.4   57.0       99    1.6  358.3      166    2.9    6.5
 33    1.6   53.7      100    1.7  346.5      167    3.1    8.1
 34    1.6   49.5      101    1.8  345.2      168    3.2   10.8
 35    1.7   46.0      102    1.7  346.3      169    3.2   14.0
 36    1.8   44.3      103    1.7  347.8      170    3.1    8.1
 37    1.9   44.7      104    1.8  348.8      171    2.9    5.8
 38    2.1   44.9      105    1.9  349.3      172    2.6    5.2
 39    2.3   43.6      106    2.0  349 5      173    2.5    6.8
 40    2.7   42.9      107    1.8  346.9      174    2.4    9.9
 41    2.8   43.2      108    1.8  343.3      175    2.4   16.7
 42    2.6   44.2      109    1.6  345.1      176    2.4   17.2
 43    2.3   46.2      110    1.6  347.6      177    2.5   22.8
 44    1.7   45.4      111    1.8  351.9      178    2.4   18.9
 45    1.3   39.7      112    1.8  356.8      179    2.5   13.1
 46    1.0   35.3      113    1.8    0.7      180    2.7   11.4
 47    0.7   29.7      114    2.0  359.7      181    3.0   12.0
 48    0.6   21 4      115    2.2    0.5      182    3.3    9.2
 49    0.5    6.6      116    2.3  359.7      183    3.4    7.4
 50    0.5  356.1      117    2.3  357.4      184    3.5    6.3
 51    0.5  349.1      118    2.1  358.7      185    3.5    5.5
 52    0.7  338.4      119    2.1    6.7      186    3.5    4.7
 53    0.6  316 9      120    2.1    7.8      187    3.5    2.2
 54    0.6  307.5      121    2.1    3.7      188    3.4    0.1
 55    0 5  321 1      122    2.2    4.8      189    3.2   10.0
 56    0 5  342.4      123    2.3    6.8      190    3.1   13.5
 57    0 5    9.1      124    2.3    9.5      191    2.9   11.3
 58    0.6   41 7      125    2.2   12.8      192    2.9    8.6
 59    0.8   62.3      126    2.2   18.0      193    2.9   10.4
 60    1.0   62 1      127    2.3   24.1      194    2.7   11.8
 61    1.3   58 2      128    2.5   28.3      195    2.6   16.9
 62    1.5   55.9      129    2.6   27.3      196    2.6   27.6
 63    1.8   56.3      130    2.5   23.6      197    3.2   43.3
 64    1.9   55.2      131    2.5   26 9      198    3.7   51.3
 65    2.0   54.2      132    2.6   32.4      199    3.8   53.1
 66    1.9   54.0      133    2.7   36.3
```

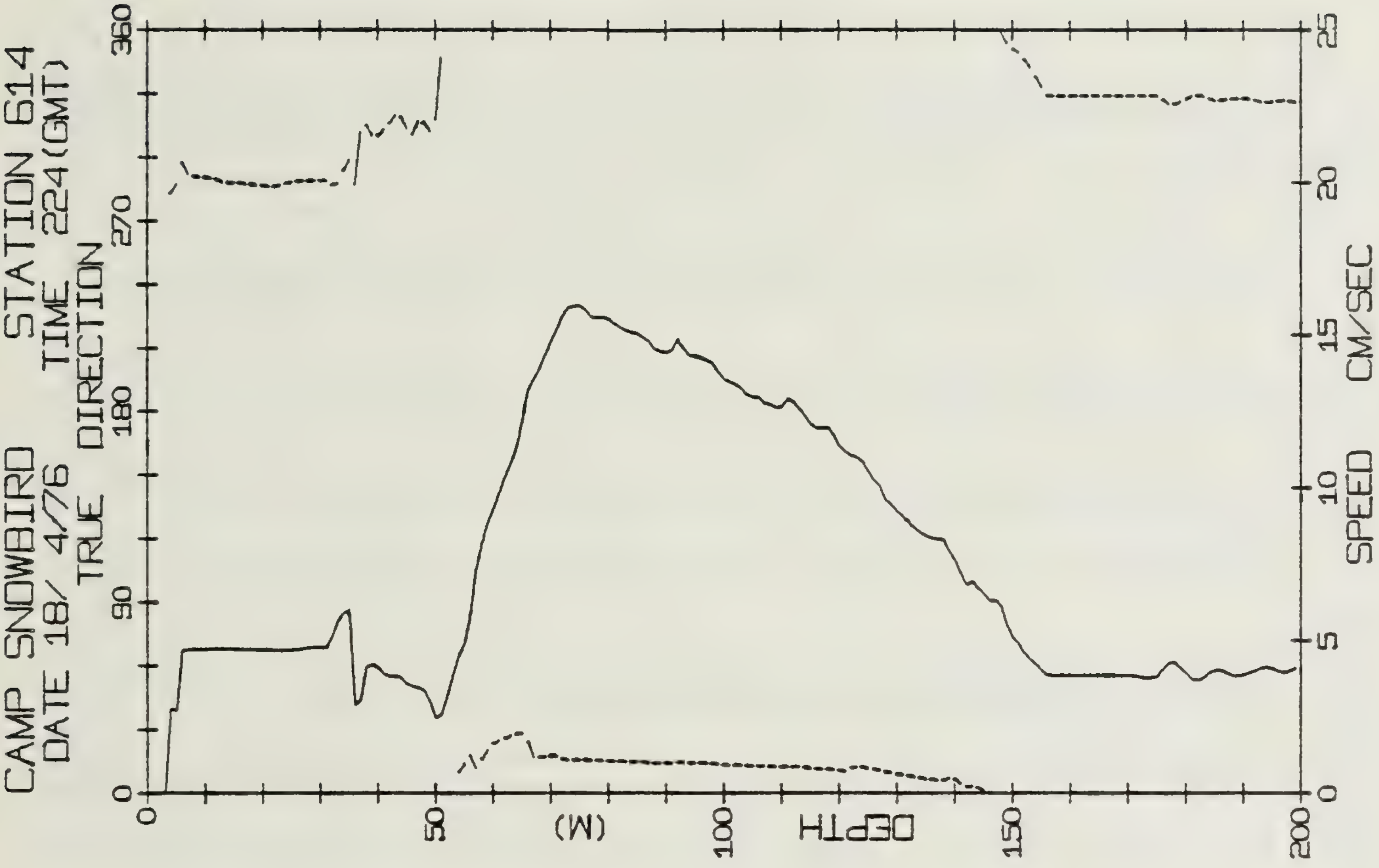
```
SNOWBIRD STATION 608     (200M.)     15/APR/76     1929 GMT
LAT= 73.4120N  LONG= 145.8507W  LTER=    2.  LGER=    4.
NIVEL=   3.6  EIVEL=    9 9     NVER=    0.  EVER=    1.

DPT    SPD   DRN       DPT    SPD   DRN       DPT    SPD   DRN
  0    0.0  999.9       67    1 8   44.7      134    4.2   29.2
  1    0.0  999.9       68    1.8   42.8      135    4.2   27.0
  2    0.0  999.9       69    1.6   37.6      136    4.0   25.1
  3    0.0  999.9       70    1.4   26.9      137    3.9   22.7
  4    2.7  124.3       71    1.7   10.2      138    3.8   21.8
  5    2.4  122.8       72    1.7   12.3      139    3.8   20.0
  6    2.5  115.6       73    1.8   18.1      140    3.8   18.1
  7    2.6  117.0       74    2.2   17.5      141    3.7   16.6
  8    2.7  121.6       75    2.5   20.9      142    3.4   15.9
  9    2.7  123.1       76    2.6   26.3      143    3.4   13.6
 10    2.7  121 5       77    2.6   28.0      144    3.4   10.7
 11    2.6  123.1       78    2.4   30.2      145    3.3    8.4
 12    2.4  127.7       79    2.2   31.9      146    3.3    6.1
 13    1.8  132.1       80    2.2   35.9      147    3.3    5.5
 14    1.5  145.4       81    1.9   59.7      148    3.3    4.8
 15    1.5  141.7       82    2.1   69.7      149    3.3    5.9
 16    1.6  145.3       83    2.3   70.9      150    3.4    7.7
 17    1.6  158.9       84    2.4   70.8      151    3.1   11.8
 18    1.5  167.4       85    2.5   70.4      152    3.0   15.8
 19    1.5  185.4       86    2.4   59.1      153    3.0   17.6
 20    1.4  201.1       87    2.7   41.8      154    3.0   21.0
 21    1.3  197.2       88    3.0   34.9      155    2.8   25.1
 22    1.2  191.5       89    3.0   34.8      156    2.8   24.2
 23    1.1  183.3       90    3.0   34.0      157    3.0   22 9
 24    1.0  171.0       91    2.9   32.4      158    3.1   22.5
 25    1.0  158.6       92    2.8   29.1      159    3.1   24.1
 26    1.0  149.1       93    2.7   24.3      160    3.2   27.5
 27    1.0  152.1       94    2.5   19.5      161    3.2   31.7
 28    1.0  158.1       95    2.4   15.1      162    3.5   32.4
 29    0.5  167.4       96    2.4   12.6      163    3.8   31.6
 30    0.5  147.0       97    2.4   13.0      164    3.9   31.0
 31    0.6  131.7       98    2.3    8.5      165    3.8   29.5
 32    0.6  120.2       99    2.3    5.8      166    3.8   27.6
 33    0.7  116.3      100    2.3    8.2      167    3.8   27 5
 34    0.7  112.7      101    2.3    6.6      168    3.7   27.1
 35    0.7  115.3      102    2 5    1.7      169    3 6   24.8
 36    0.5  131.8      103    2.7  356.8      170    3.5   24.0
 37    0.5  140.1      104    2.7  356.4      171    3.2   24.8
 38    0.5  137.4      105    2.7  356.3      172    3.2   24 3
 39    0.9  145.3      106    2.7  352.8      173    3.1   22 7
 40    0.9  152.1      107    2.7  349.0      174    3 0   19.1
 41    0.9  162.3      108    2.7  350.8      175    2.9   13 8
 42    0.9  148.0      109    2.7  353.9      176    2.8    9.0
 43    0.9  120.2      110    2.2  357.0      177    2.8    4.9
 44    0.8   89.0      111    2.3  356.6      178    2.8    4.2
 45    1.0   87.6      112    2.3  359.0      179    2.7    0 1
 46    1.1   64.8      113    2.3  353.1      180    2.6  355.6
 47    0.9   62.6      114    2.3  350.6      181    2.2  353.7
 48    0.7   60.1      115    2.3  352.1      182    1.8  357.5
 49    0.8   51.2      116    2.4  355.0      183    1.7    5.2
 50    0.8    9.9      117    2 4  359.3      184    1.7   12.2
 51    0.9  357.9      118    2.8    2.3      185    1 9   18.6
 52    0.9  356.0      119    2.8    5.9      186    2.2   22.0
 53    0.9    3.2      120    2.9    9.2      187    2.5   21.0
 54    1.0   16.1      121    2.9   10.6      188    2.6   22.9
 55    1.1   24.8      122    2.9   11.5      189    2.7   25.8
 56    1.3   24.2      123    2 9   10.8      190    2.8   27.9
 57    1.5   21.3      124    2.9   10.2      191    2.6   22.8
 58    1.3   16.5      125    2 9   11.7      192    3.0   12.2
 59    0.8   19.7      126    2.9   14.5      193    2.8    7.3
 60    0.7   41.0      127    3.5   16.0      194    2.8    1 8
 61    1.1   58 5      128    3.6   19.7      195    2.8    2 4
 62    1.6   66.2      129    3.7   24.9      196    2.7   11.3
 63    1.5   75.4      130    4.1   28.1      197    2.1   24.2
 64    1.1   66.4      131    4.1   30.9      198    2.1   32.8
 65    0.9   46.8      132    4.1   31.9      199    2.3   39.1
 66    1.5   37.9      133    4.2   31.0      200    2.4   42.5
```

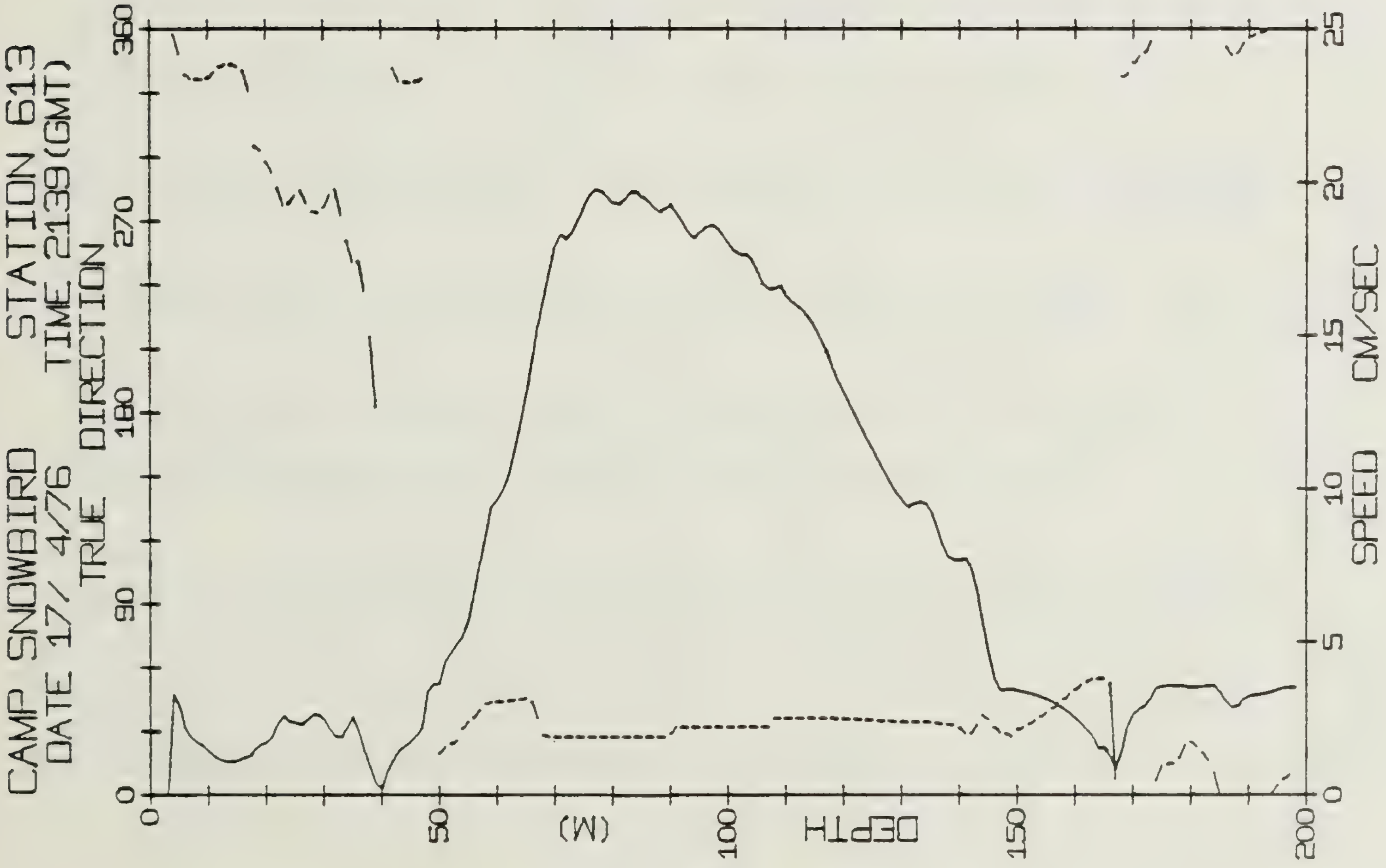

CAMP SNOWBIRD STATION 611
DATE 16/ 4/76 TIME 2233(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 612
DATE 17/ 4/76 TIME 642(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

```
SNOWBIRD STATION 611     (200M.)      16/APR/76      2233 GMT
LAT= 73.4269N  LONG= 145.7297W  LTER=    19.  LGER=    32.
NIVEL=  -1.4   EIVEL=  -0.7     NVER=    1    EVER=     1.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   5.5   41.3      134   4.5   38.4
  1   0.0  999.9       68   5.8   39.6      135   4.2   38.5
  2   0.0  999.9       69   6.1   38.6      136   4.0   38.7
  3   0.0  999.9       70   6.3   38.3      137   4.0   38.6
  4   2.6  200.9       71   6.6   38.2      138   4.0   38.5
  5   2.4  204.2       72   6.9   38.3      139   3.6   39.0
  6   2.2  208.4       73   7.3   38.2      140   3.0   40.2
  7   1.9  214.2       74   7.5   38.2      141   2.3   42.2
  8   1.8  220.2       75   7.6   44.1      142   2.1   43.0
  9   1.6  226.0       76   8.8   40.9      143   2.1   43.1
 10   1.6  227.9       77  10.0   39.8      144   1.7   44.5
 11   1.7  220.3       78  10.3   42.6      145   1.3   46.6
 12   1.7  221.0       79  10.5   44.7      146   1.5   45.3
 13   1.8  218.8       80  10.8   46.0      147   1.9   43.7
 14   1.9  212.9       81  11.4   46.4      148   1.7   43.0
 15   2.1  207.1       82  11.9   46.3      149   1.3   39.1
 16   2.2  201.3       83  11.8   46.3      150   1.2   36.2
 17   2.3  197.5       84  11.7   44.9      151   1.3   34.1
 18   2.5  194.3       85  11.6   42.0      152   1.4   32.9
 19   2.6  193.3       86  11.8   42.1      153   1.6   32.4
 20   2.6  193.1       87  12.0   42.1      154   1.7   31.9
 21   2.7  193.0       88  12.2   42.0      155   1.9   31.6
 22   2.7  193.2       89  12.2   41.8      156   2.1   31.2
 23   2.7  193.5       90  12.2   41.4      157   2.1   31.1
 24   2.8  194.5       91  12.2   40.3      158   2.0   28.5
 25   3.0  196.7       92  12.3   38.9      159   1.4   25.8
 26   3.2  202.6       93  12.3   38.1      160   0.5   30.5
 27   3.3  213.1       94  12.3   38.1      161   0.5   30.3
 28   3.3  223.4       95  12.1   38.0      162   0.5   29.9
 29   3.0  232.6       96  11.8   38.1      163   0.5   29.3
 30   2.6  238.5       97  11.7   38.1      164   0.5   26.5
 31   2.3  240.2       98  11.9   38.1      165   0.5   23.3
 32   2.2  241.2       99  12.0   38.0      166   0.5   21.2
 33   2.0  241.3      100  12.0   38.0      167   0.5   20.1
 34   1.9  240.5      101  11.7   38.1      168   0.5   18.7
 35   1.8  238.1      102  11.5   38.1      169   0.5   13.9
 36   1.8  234.7      103  11.5   38.0      170   0.5    6.9
 37   1.2  230.7      104  11.4   38.0      171   0.6  358.9
 38   0.7  205.5      105  11.1   38.0      172   0.6  349.9
 39   0.4  178.1      106  10.6   38.1      173   0.7  339.7
 40   0.1  130.6      107  10.2   38.2      174   0.8  332.5
 41   0.4  354.0      108  10.1   38.2      175   0.8  326.6
 42   1.1  339.4      109  10.0   38.1      176   0.9  322.1
 43   1.4  340.5      110   9.9   38.1      177   0.9  320.0
 44   1.2  341.0      111   9.9   38.1      178   0.9  320.1
 45   1.0  351.8      112   9.8   38.1      179   0.9  320.3
 46   1.0    5.5      113   9.7   38.0      180   0.9  321.8
 47   1.2   13.4      114   9.5   38.0      181   0.8  322.6
 48   1.4   21.2      115   9.1   39.1      182   0.8  319.8
 49   1.6   25.3      116   8.6   42.5      183   0.9  314.7
 50   1.9   25.6      117   8.1   42.6      184   1.0  310.5
 51   2.0   24.2      118   7.8   42.8      185   1.0  310.3
 52   2.2   23.7      119   7.5   42.8      186   0.9  314.8
 53   2.2   27.5      120   7.4   42.7      187   0.9  320.1
 54   2.2   33.5      121   7.2   42.7      188   0.8  325.3
 55   2.2   35.2      122   6.9   42.9      189   0.7  331.7
 56   2.2   34.5      123   6.7   41.1      190   0.6  340.5
 57   2.2   33.4      124   6.6   38.5      191   0.6  351.9
 58   2.3   34.2      125   6.4   38.4      192   0.6  351.8
 59   2.5   36.3      126   6.1   38.5      193   0.6  339.3
 60   2.8   40.1      127   5.8   38.5      194   0.7  331.6
 61   3.1   43.3      128   5.6   38.3      195   0.8  325.5
 62   3.4   43.6      129   5.6   38.2      196   0.9  318.3
 63   3.6   42.8      130   5.5   38.1      197   1.0  310.1
 64   4.2   42.6      131   5.1   38.4      198   1.0  307.2
 65   4.6   42.9      132   4.8   38.5      199   0.9  303.1
 66   5.1   42.5      133   4.7   38.4      200   1.3  295.3
```

```
SNOWBIRD STATION 612     (199M.)      17/APR/76       642 GMT
LAT= 73.4252N  LONG= 145.7273W  LTER=    12.  LGER=    19.
NIVEL=  -0.6   EIVEL=  -1.4     NVER=    1.   EVER=     1.

DPT   SPD    DRN      DPT   SPD    DRN      DPT   SPD    DRN
  0   0.0  999.9       67   8.2   20.1      134   7.3   26.0
  1   0.0  999.9       68   9.4   21.2      135   7.2   25.9
  2   0.0  999.9       69  10.6   22.4      136   6.5   25.2
  3   0.0  999.9       70  11.8   41.6      137   6.3   24.9
  4   2.7  227.7       71  13.1   41.2      138   6.1   24.6
  5   2.7  227.9       72  14.3   41.5      139   5.6   24.0
  6   2.7  228.2       73  15.4   41.8      140   5.0   22.9
  7   2.7  228.5       74  16.6   42.2      141   4.9   22.6
  8   2.7  228.9       75  17.1   42.2      142   4.7   22.2
  9   2.7  229.2       76  17.4   42.3      143   4.3   21.2
 10   2.7  229.5       77  18.0   42.3      144   3.9   19.9
 11   2.7  229.9       78  18.3   42.4      145   3.5   18.6
 12   2.7  230.2       79  18.2   42.4      146   3.3   17.6
 13   2.8  230.5       80  18.2   41.7      147   3.3   17.5
 14   2.8  230.8       81  18.5   31.8      148   3.4   18.0
 15   2.8  231.1       82  19.0   17.8      149   3.2   17.1
 16   2.8  231.3       83  19.4   18.5      150   2.9   15.3
 17   2.8  231.4       84  19.4   18.5      151   2.6   13.2
 18   2.8  231.4       85  19.4   18.5      152   2.7   14.0
 19   2.8  231.3       86  19.4   18.5      153   2.8   15.1
 20   2.8  231.2       87  19.6   18.5      154   3.0   16.0
 21   2.7  230.8       88  19.7   18.6      155   3.1   16.5
 22   2.7  230.6       89  19.8   18.6      156   3.0   16.1
 23   2.7  230.9       90  20.0   18.6      157   2.7   14.0
 24   2.7  231.3       91  20.0   18.6      158   2.3   10.6
 25   2.8  231.8       92  20.0   18.6      159   1.9    5.9
 26   2.8  232.3       93  19.8   18.7      160   1.5  359.0
 27   2.8  232.8       94  19.6   18.6      161   1.5  357.7
 28   2.8  233.2       95  19.4   18.7      162   1.6  359.4
 29   2.8  233.5       96  19.2   18.8      163   1.6  355.0
 30   2.8  233.6       97  18.9   18.9      164   1.7  350.5
 31   2.8  233.6       98  18.7   18.8      165   1.7  348.3
 32   2.8  233.5       99  18.4   18.9      166   1.7  348.5
 33   2.7  233.1      100  18.2   18.8      167   1.6  350.2
 34   2.8  234.5      101  17.9   18.8      168   1.6  350.9
 35   2.7  233.6      102  17.7   18.7      169   1.6  350.7
 36   2.7  233.1      103  17.6   18.7      170   1.5  352.6
 37   2.7  233.1      104  17.8   18.7      171   1.5  356.5
 38   2.8  239.9      105  17.4   18.7      172   1.4  356.3
 39   2.7  265.3      106  16.7   18.5      173   1.5  356.2
 40   1.9  290.5      107  16.6   18.5      174   1.3  350.0
 41   1.0  304.4      108  16.2   24.2      175   1.2  348.4
 42   1.0  333.5      109  15.5   23.6      176   1.1  345.8
 43   1.8    3.8      110  14.7   23.4      177   1.1  341.1
 44   1.9    6.4      111  13.8   23.2      178   1.1  335.0
 45   2.2    9.5      112  13.2   23.0      179   1.2  327.7
 46   2.6   13.3      113  12.9   22.9      180   1.3  319.6
 47   3.0   16.1      114  12.6   22.8      181   1.3  313.4
 48   3.0   16.4      115  12.3   22.7      182   1.3  304.2
 49   2.8   14.7      116  11.7   22.5      183   1.3  303.5
 50   2.5   12.3      117  11.1   22.2      184   1.3  303.8
 51   2.1    9.0      118  10.6   21.9      185   1.3  304.8
 52   2.6   13.5      119  10.3   21.8      186   1.2  304.7
 53   3.2   17.0      120  10.1   21.7      187   1.5  300.1
 54   3.8   19.7      121   9.8   21.5      188   2.0  289.7
 55   3.9   20.1      122   9.3   21.2      189   2.0  288.2
 56   3.7   19.4      123   8.7   20.8      190   2.3  281.6
 57   3.5   18.4      124   8.7   20.8      191   2.3  281.1
 58   3.4   18.2      125   9.0   21.0      192   2.1  285.9
 59   3.7   19.3      126   9.2   21.2      193   2.0  288.3
 60   3.9   20.2      127   9.5   21.3      194   2.2  281.8
 61   4.1   20.8      128   9.5   21.3      195   2.4  275.6
 62   4.7   21.1      129   8.8   20.9      196   2.4  277.3
 63   5.6   16.4      130   8.1   20.3      197   2.3  278.8
 64   6.7   12.9      131   7.6   19.8      198   2.4  277.5
 65   7.8   15.0      132   7.3   20.9      199   2.4  277.0
 66   7.6   19.3      133   7.2   25.9
```

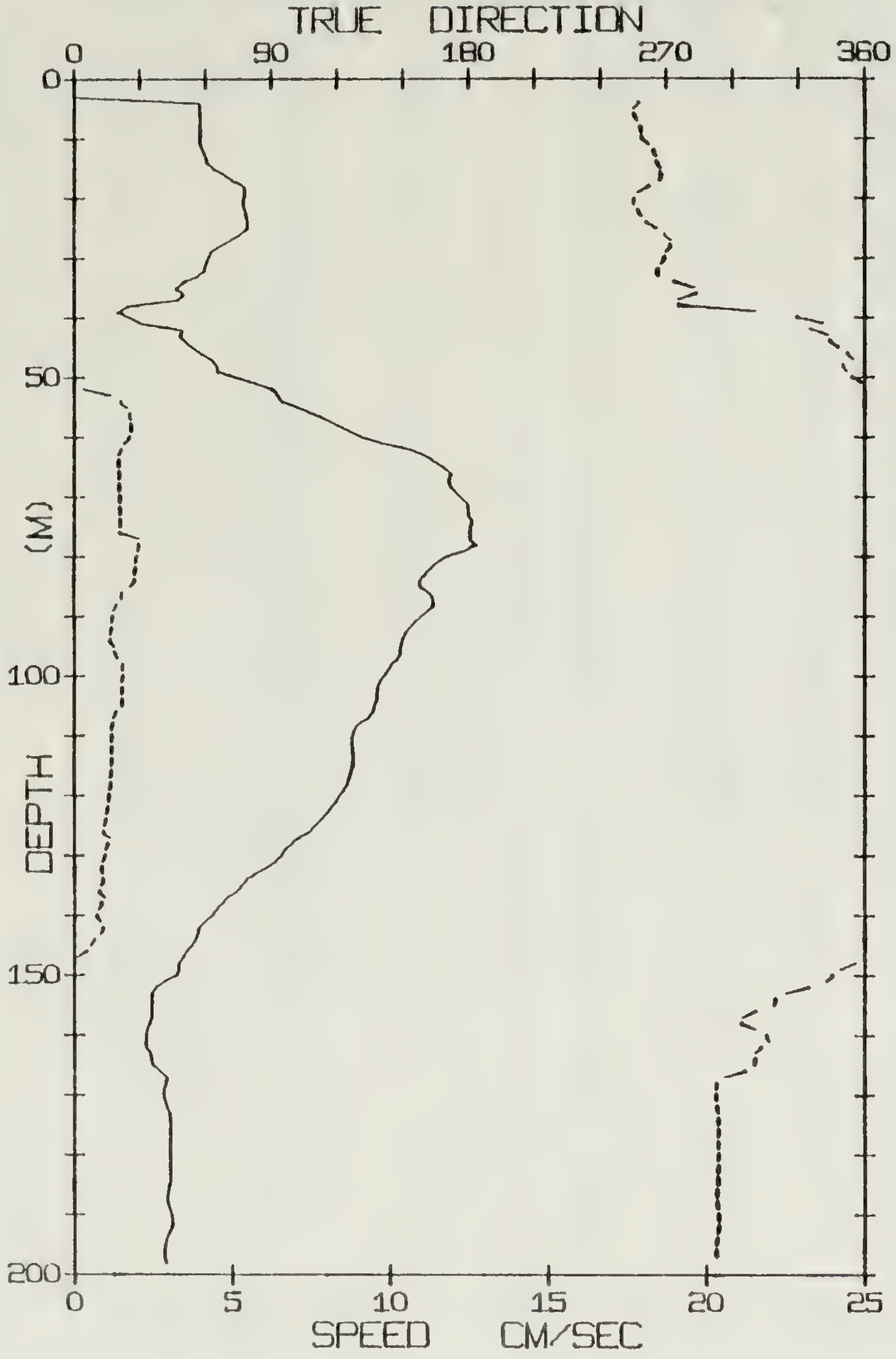

CAMP SNOWBIRD STATION 614
DATE 18/ 4/76 TIME 224(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25


CAMP SNOWBIRD STATION 613
DATE 17/ 4/76 TIME 2139(GMT)
TRUE DIRECTION
0
90
180
270
360
DEPTH (M)
0
50
100
150
200
SPEED CM/SEC
0
5
10
15
20
25

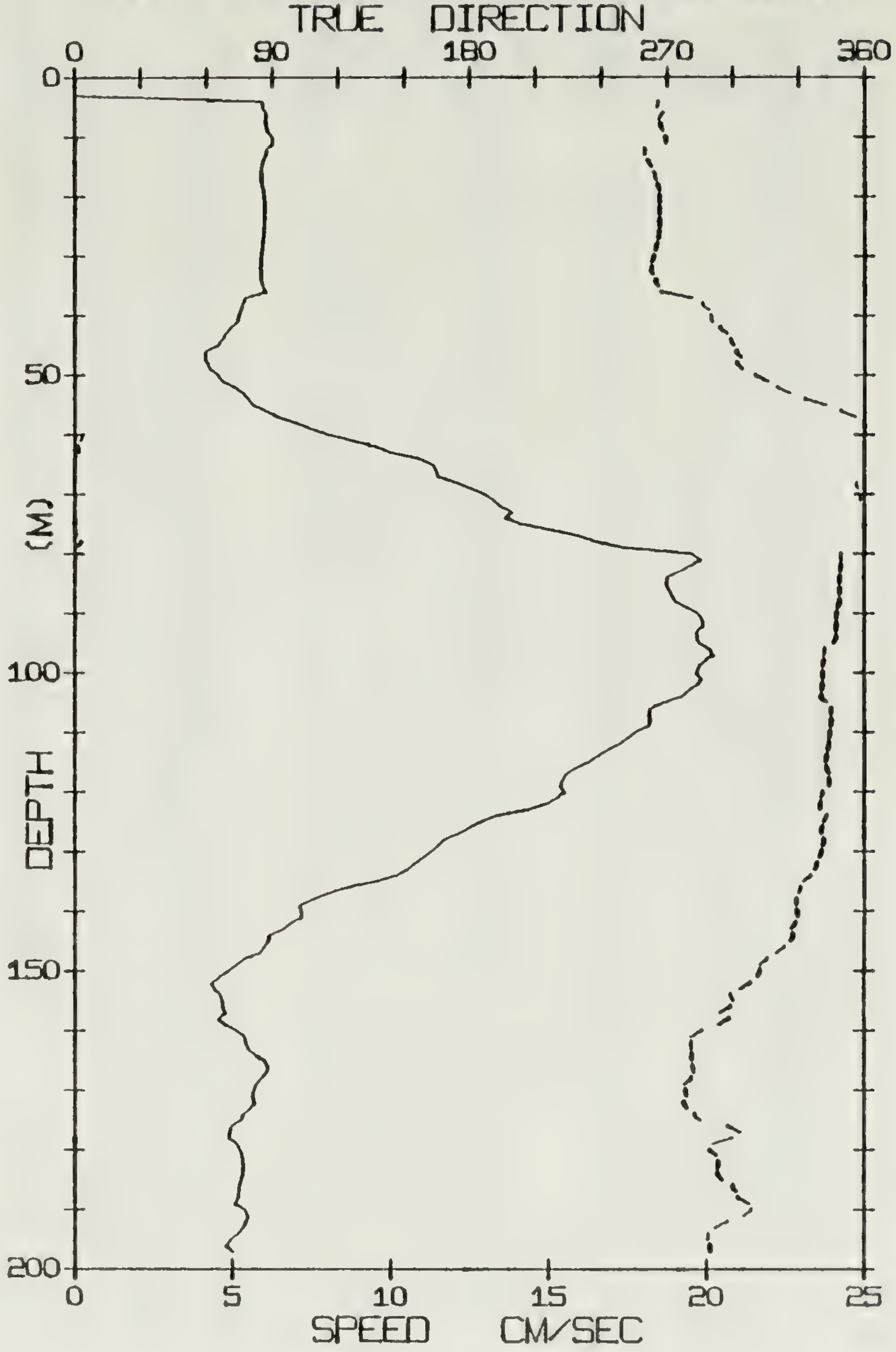
```
SNOWBIRD STATION 613     (198M.)      17/APR/76      2139 GMT
LAT= 73.4291N  LONG= 145.7323W  LTER=     1   LGER=      2.
NIVEL=   2.1   EIVEL=   0.6     NVER=     0.  EVER=      0.

DPT    SPD     DRN        DPT    SPD     DRN        DPT    SPD     DRN
  0    0.0   999.9         67   15.3    36.6        134    9.5    34.2
  1    0.0   999.9         68   16.2    28.2        135    9.3    34.1
  2    0.0   999.9         69   17.0    27.3        136    8.8    33.8
  3    0.0   999.9         70   17.9    27.3        137    8.2    33.4
  4    3.3   357.5         71   18.3    27.4        138    7.8    33.1
  5    2.9   348.4         72   18.2    27.4        139    7.7    32.8
  6    2.1   338.5         73   18.4    27.4        140    7.7    31.5
  7    1.9   336.8         74   18.8    27.4        141    7.7    29.1
  8    1.7   336.4         75   19.2    27.4        142    7.4    29.1
  9    1.6   336.5         76   19.6    27.5        143    6.7    32.9
 10    1.4   337.5         77   19.8    27.5        144    5.6    37.3
 11    1.2   339.6         78   19.7    27.5        145    4.6    35.4
 12    1.1   342.6         79   19.6    27.5        146    3.8    32.1
 13    1.1   343.9         80   19.3    27.4        147    3.4    29.4
 14    1.1   343.5         81   19.3    27.4        148    3.4    28.7
 15    1.1   342.1         82   19.5    27.5        149    3.5    27.5
 16    1.2   340.3         83   19.7    27.5        150    3.4    30.7
 17    1.3   331.3         84   19.7    27.5        151    3.3    32.1
 18    1.5   304.8         85   19.6    27.5        152    3.3    33.5
 19    1.7   303.0         86   19.4    27.5        153    3.3    35.1
 20    1.7   297.8         87   19.2    27.4        154    3.2    36.9
 21    1.9   293.3         88   19.0    27.4        155    3.1    38.8
 22    2.3   285.4         89   19.1    27.4        156    3.0    40.8
 23    2.6   277.4         90   19.3    29.0        157    2.9    42.9
 24    2.4   278.3         91   19.0    32.0        158    2.8    45.1
 25    2.3   282.2         92   18.7    31.9        159    2.7    47.3
 26    2.3   284.2         93   18.4    31.9        160    2.5    49.5
 27    2.4   278.3         94   18.2    32.0        161    2.3    51.6
 28    2.6   274.2         95   18.4    32.0        162    2.1    53.5
 29    2.6   273.8         96   18.5    32.0        163    1.9    54.9
 30    2.5   276.2         97   18.6    32.1        164    1.5    55.1
 31    2.2   282.1         98   18.5    32.1        165    1.5    55.2
 32    1.9   284.8         99   18.3    32.1        166    1.2    52.2
 33    1.9   272.7        100   18.0    32.1        167    0.8     7.7
 34    2.2   260.7        101   17.8    32.1        168    1.4   337.9
 35    2.6   250.6        102   17.7    32.1        169    2.2   339.2
 36    2.1   250.8        103   17.7    32.2        170    2.6   344.2
 37    1.4   237.3        104   17.5    32.1        171    2.8   347.0
 38    0.9   215.4        105   17.1    32.1        172    2.9   349.0
 39    0.4   182.3        106   16.7    32.1        173    3.2   354.2
 40    0.2    11.9        107   16.5    32.1        174    3.5     7.0
 41    0.8   359.1        108   16.6    36.0        175    3.6    13.5
 42    1.1   341.6        109   16.6    36.5        176    3.6    14.6
 43    1.5   336.0        110   16.3    36.4        177    3.6    14.9
 44    1.6   335.1        111   16.1    36.4        178    3.6    17.4
 45    1.8   334.9        112   16.0    36.4        179    3.5    23.1
 46    2.0   335.4        113   15.8    36.3        180    3.5    25.0
 47    2.2   337.1        114   15.6    36.3        181    3.5    22.8
 48    3.4   358.6        115   15.3    36.2        182    3.6    20.1
 49    3.6    11.2        116   14.9    36.1        183    3.6    16.0
 50    3.7    19.5        117   14.5    36.0        184    3.5    10.4
 51    4.4    22.4        118   14.0    35.9        185    3.4     0.4
 52    4.7    24.0        119   13.5    35.8        186    3.0   351.6
 53    4.9    25.6        120   13.2    35.7        187    2.9   347.8
 54    5.2    31.6        121   12.8    35.6        188    2.9   349.0
 55    5.7    34.4        122   12.4    35.5        189    3.1   353.3
 56    6.6    36.4        123   12.0    35.3        190    3.2   356.4
 57    7.6    40.0        124   11.6    35.2        191    3.3   357.6
 58    8.5    43.0        125   11.3    35.1        192    3.3   358.4
 59    9.4    43.9        126   10.9    34.9        193    3.3   359.5
 60    9.7    44.0        127   10.6    34.8        194    3.4     1.4
 61   10.0    44.2        128   10.2    34.6        195    3.5     4.2
 62   10.5    44.4        129    9.9    34.4        196    3.5     7.5
 63   11.2    44.9        130    9.7    34.3        197    3.5     9.4
 64   12.1    45.3        131    9.4    34.2        198    3.5    23.9
 65   13.0    45.6        132    9.5    34.2
 66   14.1    43.8        133    9.6    34.3
```

```
SNOWBIRD STATION 614     (199M.)      18/APR/76       224 GMT
LAT= 73.4306N  LONG= 145.7346W  LTER=     0.  LGER=      0.
NIVEL=   1.8   EIVEL=  -3.0     NVER=     0.  EVER=      0.

DPT    SPD     DRN        DPT    SPD     DRN        DPT    SPD     DRN
  0    0.0   999.9         67   13.6    17.4        134    8.5     6.9
  1    0.0   999.9         68   13.9    17.0        135    8.4     6.6
  2    0.0   999.9         69   14.3    17.6        136    8.3     6.3
  3    0.0   999.9         70   14.8    17.9        137    8.3     6.1
  4    2.8   283.1         71   15.2    17.5        138    8.3     6.1
  5    2.7   286.9         72   15.6    15.9        139    7.9     7.5
  6    4.7   297.1         73   15.9    15.7        140    7.6     6.5
  7    4.7   292.1         74   16.0    15.8        141    7.2     4.6
  8    4.7   290.7         75   15.9    15.7        142    6.8     2.9
  9    4.7   290.2         76   15.8    15.6        143    6.9     3.4
 10    4.7   290.1         77   15.6    15.5        144    6.7     2.3
 11    4.7   289.7         78   15.6    15.4        145    6.5     1.2
 12    4.7   288.9         79   15.6    15.4        146    6.3     0.0
 13    4.7   287.8         80   15.5    15.3        147    6.3   360.0
 14    4.7   287.8         81   15.4    15.2        148    6.1   358.7
 15    4.7   287.6         82   15.3    15.0        149    5.5   354.2
 16    4.7   287.5         83   15.1    14.9        150    5.1   350.9
 17    4.7   286.9         84   15.1    14.8        151    4.9   349.5
 18    4.7   286.9         85   15.1    14.7        152    4.6   346.0
 19    4.7   286.5         86   14.9    14.6        153    4.4   342.4
 20    4.7   286.1         87   14.8    14.4        154    4.2   338.0
 21    4.7   286.0         88   14.6    14.2        155    4.0   333.4
 22    4.7   286.2         89   14.4    14.2        156    3.9   329.3
 23    4.7   286.9         90   14.4    14.2        157    3.9   329.3
 24    4.7   287.7         91   14.5    14.4        158    3.9   329.3
 25    4.7   288.3         92   14.9    14.8        159    3.9   329.2
 26    4.7   288.6         93   14.6    14.5        160    3.9   329.2
 27    4.8   288.8         94   14.3    14.3        161    3.9   329.2
 28    4.8   289.0         95   14.3    14.2        162    3.9   329.2
 29    4.8   289.0         96   14.2    14.2        163    3.9   329.2
 30    4.8   289.0         97   14.2    14.1        164    3.9   329.1
 31    4.8   289.0         98   14.1    14.0        165    3.9   329.1
 32    5.1   286.9         99   13.8    13.7        166    3.9   329.0
 33    5.7   287.5        100   13.6    13.5        167    3.9   329.0
 34    5.9   293.6        101   13.5    13.3        168    3.9   329.0
 35    6.0   298.3        102   13.4    13.3        169    3.9   328.9
 36    2.9   286.8        103   13.3    13.2        170    3.9   328.9
 37    3.1   311.4        104   13.0    13.0        171    3.8   329.0
 38    4.2   314.7        105   13.0    12.9        172    3.8   329.3
 39    4.2   310.3        106   13.0    12.9        173    3.8   329.3
 40    4.1   310.2        107   12.8    12.8        174    3.8   329.1
 41    3.9   312.6        108   12.7    12.7        175    3.8   328.8
 42    3.8   316.0        109   12.6    12.6        176    4.1   327.1
 43    3.8   319.6        110   12.7    12.7        177    4.3   325.2
 44    3.8   318.5        111   12.9    12.9        178    4.3   325.0
 45    3.6   313.7        112   12.8    12.8        179    4.1   326.5
 46    3.5   310.9        113   12.6    12.5        180    3.9   327.8
 47    3.4   316.4        114   12.4    12.1        181    3.7   329.2
 48    3.4   316.2        115   12.1    11.8        182    3.7   329.4
 49    3.0   312.5        116   12.0    11.5        183    3.8   328.7
 50    2.5   317.8        117   12.0    11.5        184    4.0   327.7
 51    2.6   346.7        118   11.9    11.4        185    4.0   326.6
 52    3.2   357.0        119   11.7    11.1        186    4.0   326.9
 53    3.9     1.1        120   11.4    10.5        187    3.9   327.7
 54    4.5    10.0        121   11.2    10.2        188    3.8   327.9
 55    4.9    13.6        122   11.1    12.2        189    3.9   327.7
 56    5.8    17.5        123   11.0    12.7        190    3.9   327.6
 57    7.3    12.1        124   10.9    12.4        191    4.0   327.3
 58    8.2    16.1        125   10.5    11.8        192    4.0   326.7
 59    8.9    20.2        126   10.2    11.1        193    4.1   326.0
 60    9.3    23.7        127   10.1    10.7        194    4.1   325.8
 61    9.8    25.0        128    9.6     9.8        195    4.1   326.5
 62   10.3    26.1        129    9.5     9.4        196    4.0   326.9
 63   10.8    27.2        130    9.2     8.8        197    3.9   327.1
 64   11.3    28.1        131    9.1     8.4        198    4.0   326.6
 65   12.1    28.3        132    8.9     8.0        199    4.1   325.8
 66   13.2    24.2        133    8.7     7.5
```

CAMP SNOWBIRD STATION 615
DATE 18/ 4/76 TIME 1331(GMT)

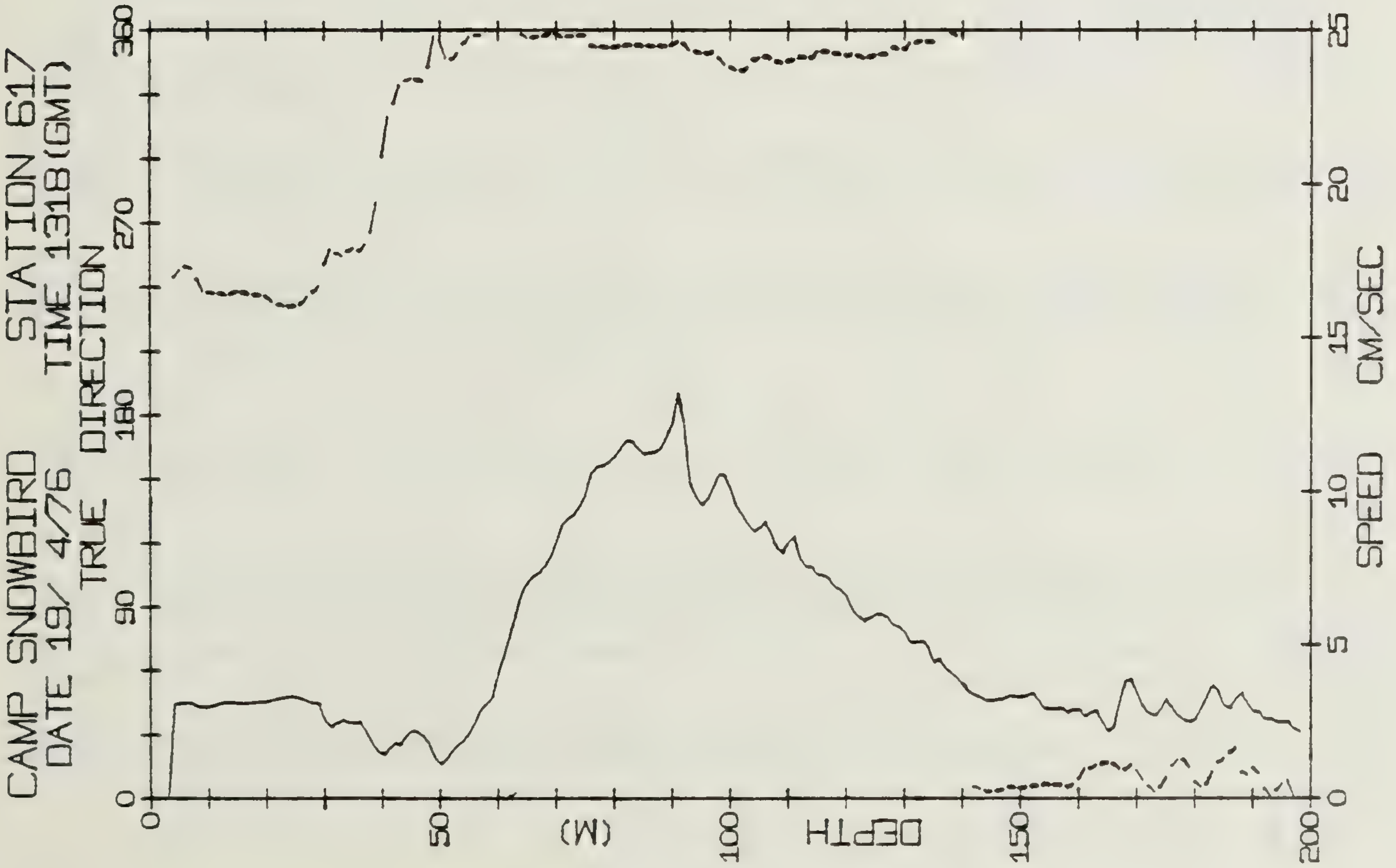


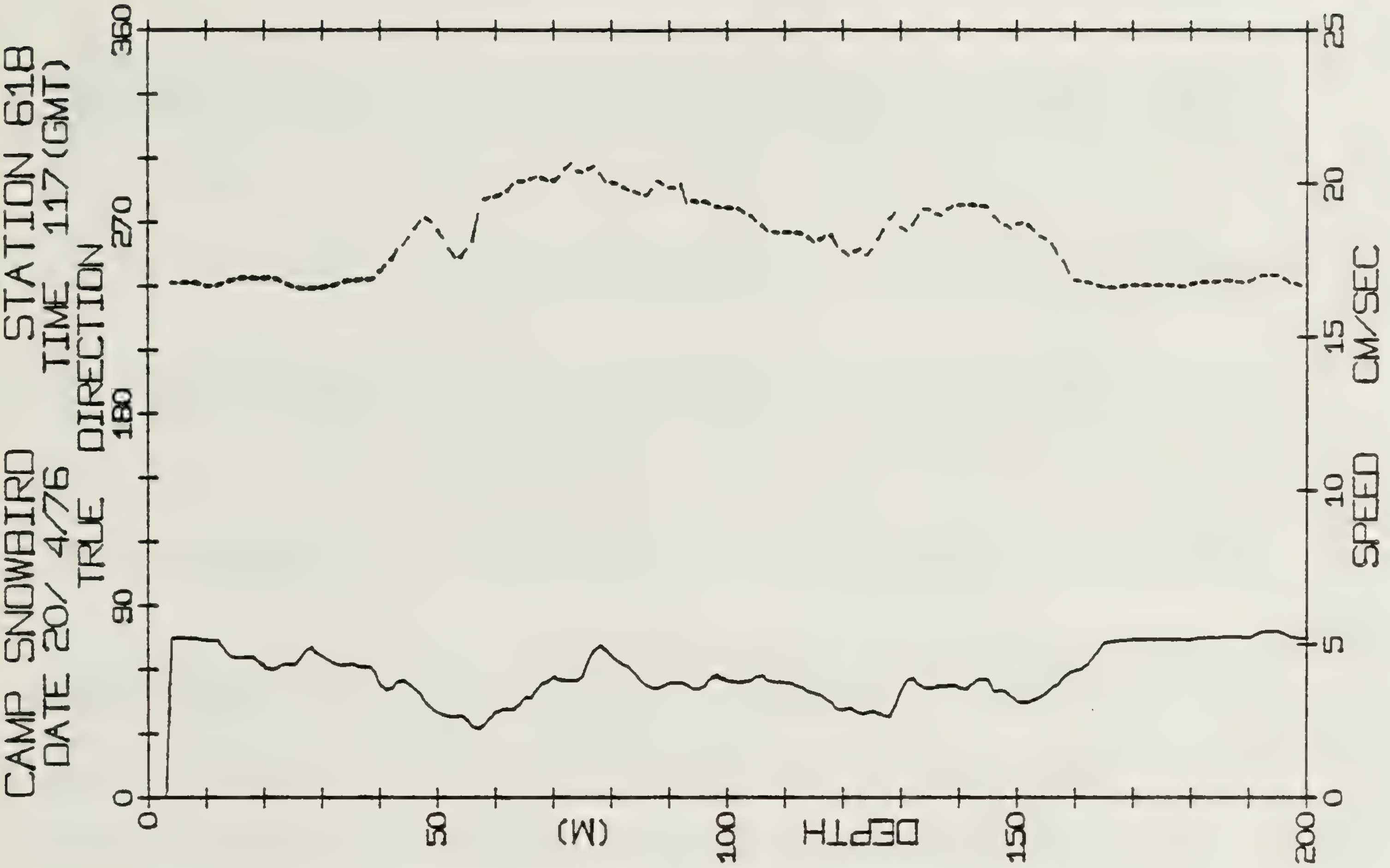
CAMP SNOWBIRD STATION 616
DATE 19/ 4/76 TIME 130(GMT)



```
SNOWBIRD STATION 615     (198M )      18/APR/76      1331 GMT
LAT= 73.4305N  LONG= 145.7538W  LTER=     1   LGER=     2.
NIVEL=  -0.2   EIVEL=  -3.8     NVER=     0   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   11.9   20.5       134    5.5   13.1
  1    0.0  999.9        68   11.9   20.6       135    5.3   12.2
  2    0.0  999.9        69   12.1   20.6       136    5.1   11.3
  3    0.0  999.9        70   12.3   20.9       137    4.8   13.7
  4    4.0  257.4        71   12.5   21.0       138    4.7   12.5
  5    4.0  255.2        72   12.5   21.0       139    4.5   11.1
  6    4.0  255.3        73   12.5   21.1       140    4.4   10.0
  7    4.0  256.9        74   12.6   21.0       141    4.1   12.0
  8    4.0  258.4        75   12.5   20.8       142    4.0   13.2
  9    4.0  258.7        76   12.6   20.4       143    3.9   11.9
 10    4.0  259.5        77   12.5   29.4       144    3.9    9.3
 11    4.0  262.0        78   12.8   29.7       145    3.7    7.5
 12    4.1  264.1        79   12.4   29.1       146    3.6    5.5
 13    4.2  265.6        80   11.8   28.3       147    3.4    0.9
 14    4.2  265.9        81   11.5   28.0       148    3.3  355.9
 15    4.4  267.2        82   11.3   27.7       149    3.3  349.6
 16    4.8  267.7        83   11.1   27.5       150    3.2  345.5
 17    5.0  266.8        84   10.9   27.3       151    2.9  343.3
 18    5.4  261.9        85   11.0   25.6       152    2.6  334.8
 19    5.4  257.2        86   11.2   21.8       153    2.5  324.8
 20    5.4  255.3        87   11.4   21.1       154    2.5  319.7
 21    5.4  255.4        88   11.4   18.8       155    2.5  318.9
 22    5.4  257.0        89   11.2   17.8       156    2.5  310.7
 23    5.5  258.7        90   11.0   17.3       157    2.4  304.9
 24    5.5  260.8        91   10.8   16.9       158    2.4  303.9
 25    5.5  265.4        92   10.6   16.5       159    2.3  310.5
 26    5.3  269.1        93   10.5   16.3       160    2.3  315.7
 27    4.9  271.5        94   10.4   16.1       161    2.3  317.1
 28    4.6  271.8        95   10.3   18.1       162    2.3  313.2
 29    4.3  270.0        96   10.3   18.7       163    2.4  310.6
 30    4.2  269.0        97   10.3   19.9       164    2.5  310.2
 31    4.2  267.6        98   10.1   22.4       165    2.5  310.0
 32    4.1  265.9        99    9.9   22.2       166    2.7  306.1
 33    3.9  266.4       100    9.8   22.0       167    2.9  296.8
 34    3.4  273.6       101    9.7   21.8       168    2.9  292.9
 35    3.2  282.6       102    9.6   21.7       169    2.8  292.5
 36    3.5  283.6       103    9.6   21.7       170    2.8  292.5
 37    3.3  275.7       104    9.6   21.8       171    2.9  292.9
 38    1.7  275.8       105    9.5   21.8       172    3.0  293.3
 39    1.4  310.3       106    9.5   19.0       173    3.0  293.8
 40    1.8  329.3       107    9.3   17.7       174    3.1  293.8
 41    2.2  341.1       108    9.0   17.1       175    3.0  293.7
 42    3.4  336.0       109    8.9   16.8       176    3.0  293.7
 43    3.3  343.4       110    8.8   16.8       177    3.0  293.7
 44    3.5  344.7       111    8.8   16.8       178    3.0  293.8
 45    3.8  348.2       112    8.8   16.8       179    3.0  293.7
 46    4.0  352.3       113    8.8   16.8       180    3.0  293.7
 47    4.4  354.8       114    8.8   16.8       181    3.0  293.7
 48    4.5  350.6       115    8.8   16.7       182    3.1  293.8
 49    4.5  352.0       116    8.8   16.5       183    3.1  293.8
 50    5.2  354.3       117    8.7   16.3       184    3.0  293.8
 51    5.8  358.8       118    8.6   16.2       185    3.0  293.4
 52    6.3    4.7       119    8.5   15.9       186    2.9  293.0
 53    6.5   15.9       120    8.4   15.6       187    2.9  292.9
 54    6.6   21.2       121    8.3   15.3       188    3.0  293.3
 55    7.1   23.9       122    8.1   14.9       189    3.1  293.7
 56    7.6   25.4       123    8.0   14.6       190    3.1  294.0
 57    8.0   26.2       124    7.8   14.1       191    3.1  294.0
 58    8.4   26.4       125    7.6   13.5       192    3.1  293.9
 59    8.7   26.3       126    7.5   13.0       193    3.0  293.5
 60    9.2   25.2       127    7.1   15.8       194    2.9  293.1
 61    9.8   22.9       128    6.9   15.0       195    2.9  292.7
 62   10.6   21.1       129    6.7   14.2       196    2.8  292.7
 63   11.1   20.0       130    6.5   13.7       197    2.9  292.8
 64   11.4   20.3       131    6.4   12.9       198    2.9  293.1
 65   11.7   20.4       132    6.1   12.3
 66   12.0   20.6       133    5.7   13.1
```

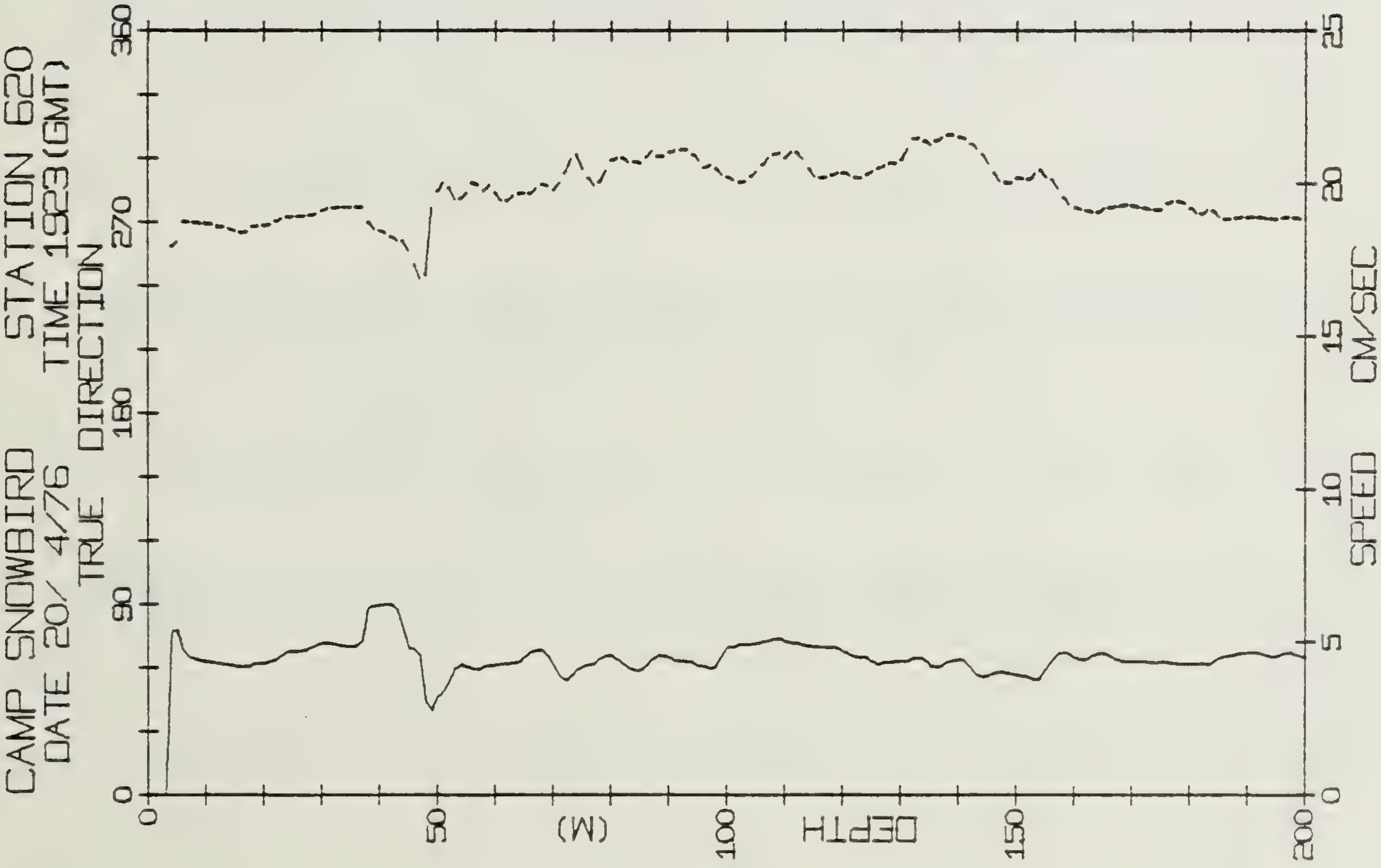
```
SNOWBIRD STATION 616     (197M. )     19/APR/76       130 GMT
LAT= 73.4269N  LONG= 145.8105W  LTER=    0.   LGER=     0.
NIVEL=  -1.4   EIVEL=  -7.4     NVER=    0.   EVER=     0.

DPT    SPD    DRN       DPT    SPD    DRN       DPT    SPD    DRN
  0    0.0  999.9        67   11.5  358.8       134   10.2  335.7
  1    0.0  999.9        68   12.1  356.5       135    9.5  332.3
  2    0.0  999.9        69   12.6  357.3       136    8.6  330.9
  3    0.0  999.9        70   13.0  358.2       137    8.0  330.0
  4    5.9  266.0        71   13.3  358.4       138    7.5  329.0
  5    6.0  265.3        72   13.5  358.2       139    7.1  329.1
  6    6.1  267.8        73   13.9    0.2       140    7.2  329.7
  7    6.0  266.1        74   13.6  359.8       141    7.2  329.8
  8    6.1  267.1        75   14.1    1.4       142    6.8  328.6
  9    6.1  268.4        76   15.1    0.6       143    6.6  326.7
 10    6.3  269.5        77   16.0    1.0       144    6.2  327.7
 11    6.3  269.4        78   16.5    2.8       145    6.1  326.3
 12    6.1  259.9        79   17.4    0.9       146    6.0  323.8
 13    6.0  259.9        80   19.5  349.4       147    5.8  319.9
 14    5.9  261.3        81   19.8  349.8       148    5.4  315.7
 15    5.9  262.8        82   19.5  349.5       149    5.1  312.6
 16    5.9  264.3        83   19.1  349.0       150    4.9  312.0
 17    5.9  265.3        84   18.7  348.5       151    4.6  311.3
 18    6.0  266.1        85   18.7  348.5       152    4.3  307.8
 19    6.0  266.8        86   18.8  348.6       153    4.4  303.5
 20    6.0  266.9        87   18.9  348.8       154    4.6  299.0
 21    6.0  266.6        88   19.0  348.8       155    4.7  300.3
 22    6.0  266.6        89   19.4  347.7       156    4.7  298.9
 23    6.0  266.6        90   19.7  347.3       157    4.8  294.5
 24    6.0  266.5        91   19.9  347.4       158    4.5  298.1
 25    6.0  266.3        92   19.9  347.5       159    4.8  293.6
 26    6.0  266.1        93   19.7  347.2       160    5.2  285.8
 27    6.0  265.9        94   19.7  347.2       161    5.4  281.3
 28    5.9  265.1        95   19.8  345.9       162    5.4  280.9
 29    5.9  264.3        96   20.1  342.1       163    5.5  281.3
 30    5.9  263.5        97   20.2  341.6       164    5.7  281.5
 31    5.9  262.6        98   19.9  341.3       165    6.0  281.3
 32    5.9  262.6        99   19.7  341.0       166    6.1  281.9
 33    5.9  263.4       100   19.7  340.8       167    6.1  282.3
 34    5.9  264.9       101   19.8  340.9       168    5.9  280.8
 35    6.0  266.2       102   19.7  340.7       169    5.7  278.1
 36    6.1  267.5       103   19.4  340.4       170    5.6  278.5
 37    5.4  281.3       104   19.2  340.3       171    5.6  279.2
 38    5.3  286.1       105   18.7  342.8       172    5.7  277.5
 39    5.2  288.6       106   18.2  344.7       173    5.6  279.3
 40    5.2  290.0       107   18.2  344.6       174    5.3  282.5
 41    5.1  290.8       108   18.2  344.7       175    5.2  284.8
 42    5.0  294.2       109   18.1  344.6       176    5.0  297.8
 43    4.8  297.3       110   17.7  344.1       177    4.9  303.3
 44    4.7  299.0       111   17.5  343.8       178    4.9  299.9
 45    4.5  300.5       112   17.2  343.5       179    5.2  290.8
 46    4.1  301.7       113   16.9  343.0       180    5.3  289.7
 47    4.1  303.7       114   16.6  342.5       181    5.3  292.8
 48    4.2  301.9       115   16.3  342.0       182    5.4  293.6
 49    4.3  304.2       116   15.9  342.9       183    5.3  293.3
 50    4.6  310.3       117   15.6  344.0       184    5.3  293.3
 51    4.7  315.5       118   15.4  344.2       185    5.2  295.5
 52    5.1  320.2       119   15.4  343.7       186    5.2  300.0
 53    5.4  325.8       120   15.5  341.1       187    5.2  301.7
 54    5.5  333.1       121   15.3  340.2       188    5.2  302.5
 55    5.7  342.2       122   15.0  339.8       189    5.1  307.4
 56    6.1  349.5       123   14.4  339.8       190    5.4  308.5
 57    6.4  355.6       124   13.4  342.7       191    5.5  305.6
 58    7.0  357.5       125   12.9  341.4       192    5.4  298.0
 59    7.5    0.8       126   12.5  340.4       193    5.3  292.4
 60    8.1    3.7       127   12.1  340.6       194    5.2  289.0
 61    8.9    2.5       128   11.7  341.7       195    4.9  288.3
 62    9.6    1.3       129   11.5  341.0       196    4.8  289.7
 63   10.0    2.0       130   11.3  340.2       197    5.0  289.9
 64   10.9  359.9       131   11.0  339.3
 65   11.3    0.6       132   10.8  338.3
 66   11.5    0.3       133   10.5  337.2
```


CAMP SNOWBIRD STATION 617
DATE 19/ 4/76 TIME 1318(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200


CAMP SNOWBIRD STATION 618
DATE 20/ 4/76 TIME 117(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 617     (198M.)      19/APR/76      1318 GMT
LAT= 73.4197N  LONG= 145.8702W  LTER=     0   LGER=     0.
NIVEL=  -2.5   EIVEL=  -4.0     NVER=     0   EVER=     0.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0   999.9       67   7.4   357.3      134   5.0   354.8
  1   0.0   999.9       68   7.6   357.9      135   4.4   354.6
  2   0.0   999.9       69   7.9   358.7      136   4.5   358.5
  3   0.0   999.9       70   8.4   358.5      137   4.3     0.5
  4   3.1   244.6       71   8.9   356.9      138   4.1   358.9
  5   3.1   247.7       72   9.1   357.3      139   3.9   357.5
  6   3.1   249.2       73   9.3   357.5      140   3.7   358.0
  7   3.1   248.5       74   9.5   357.9      141   3.5     3.2
  8   3.0   243.6       75   9.9   358.1      142   3.4     5.3
  9   3.0   238.5       76  10.6   352.9      143   3.3     4.5
 10   3.0   237.4       77  10.8   352.1      144   3.2     3.3
 11   3.0   237.0       78  10.9   352.2      145   3.2     3.3
 12   3.1   236.7       79  11.0   352.3      146   3.2     3.6
 13   3.1   236.3       80  11.1   352.7      147   3.3     4.3
 14   3.1   237.0       81  11.4   353.1      148   3.3     5.4
 15   3.1   238.2       82  11.7   353.6      149   3.3     4.8
 16   3.1   237.5       83  11.7   353.5      150   3.3     4.8
 17   3.1   236.6       84  11.4   353.1      151   3.4     5.5
 18   3.2   236.0       85  11.2   352.8      152   3.4     6.0
 19   3.1   236.3       86  11.3   352.7      153   3.2     6.1
 20   3.2   235.4       87  11.3   352.6      154   2.9     7.1
 21   3.2   233.4       88  11.4   352.6      155   2.9     6.3
 22   3.3   231.7       89  11.8   353.1      156   2.9     6.3
 23   3.3   231.0       90  12.2   353.6      157   2.9     6.7
 24   3.3   230.8       91  13.2   354.9      158   2.8     5.4
 25   3.3   231.4       92  12.3   353.8      159   2.9     6.6
 26   3.2   232.5       93  10.3   350.8      160   2.9     9.2
 27   3.2   235.0       94   9.9   349.9      161   2.7    14.0
 28   3.1   237.8       95   9.6   349.2      162   2.8    14.3
 29   3.1   240.0       96   9.7   349.5      163   2.9    15.8
 30   2.5   250.6       97  10.1   350.2      164   2.5    16.6
 31   2.3   257.7       98  10.6   347.4      165   2.2    16.8
 32   2.5   256.1       99  10.5   344.3      166   2.3    15.9
 33   2.6   254.6      100  10.1   342.7      167   3.2    14.0
 34   2.5   257.0      101   9.5   341.4      168   3.8    13.2
 35   2.5   258.3      102   9.2   341.0      169   3.9    15.8
 36   2.5   257.0      103   8.9   342.9      170   3.4    13.1
 37   2.2   259.7      104   8.7   346.3      171   3.0     8.8
 38   1.9   265.4      105   8.8   347.4      172   2.8     5.4
 39   1.6   279.7      106   9.0   348.0      173   2.7     3.3
 40   1.4   301.1      107   8.6   347.0      174   2.9     5.5
 41   1.6   319.5      108   8.2   345.5      175   3.2     9.7
 42   1.8   325.8      109   8.0   344.7      176   3.0    15.3
 43   1.8   334.3      110   8.4   345.8      177   2.7    18.0
 44   2.0   336.8      111   8.6   346.5      178   2.6    18.0
 45   2.2   337.8      112   7.9   347.8      179   2.5    14.6
 46   2.2   337.1      113   7.6   347.3      180   2.6     7.5
 47   2.0   336.4      114   7.5   347.3      181   2.9     5.4
 48   1.8   343.0      115   7.3   350.3      182   3.3     7.0
 49   1.3   357.3      116   7.2   350.3      183   3.7    12.6
 50   1.1   355.4      117   7.2   350.1      184   3.5    16.8
 51   1.3   347.4      118   6.9   349.1      185   3.0    18.6
 52   1.6   346.5      119   6.8   348.7      186   2.9    21.6
 53   1.8   349.3      120   6.6   348.0      187   3.2    23.6
 54   1.9   353.8      121   6.2   349.4      188   3.4    12.2
 55   2.2   356.7      122   5.9   348.1      189   3.1    10.7
 56   2.5   357.9      123   5.8   347.3      190   2.8    14.1
 57   2.9   357.7      124   5.9   347.8      191   2.8    11.8
 58   3.1     1.2      125   6.0   348.8      192   2.6     4.6
 59   3.3   359.6      126   6.0   349.2      193   2.6     1.1
 60   4.1   358.3      127   5.9   348.8      194   2.5     3.5
 61   4.7     0.0      128   5.7   351.8      195   2.5     7.1
 62   5.3     1.1      129   5.6   351.3      196   2.5     8.4
 63   6.0     2.5      130   5.4   351.4      197   2.3     1.1
 64   6.7   358.5      131   5.1   354.5      198   2.2     5.0
 65   7.0   356.5      132   5.1   354.9
 66   7.2   357.0      133   5.1   355.5
```

```
SNOWBIRD STATION 618     (200M.)      20/APR/76       117 GMT
LAT= 73.4037N  LONG= 145.9487W  LTER=     1.  LGER=     1.
NIVEL=  -3.9   EIVEL=  -5.7     NVER=     0   EVER=     0.

DPT   SPD    DRN       DPT   SPD    DRN       DPT   SPD    DRN
  0   0.0   999.9       67   3.5   291.2      134   3.6   275.8
  1   0.0   999.9       68   3.7   290.5      135   3.6   275.6
  2   0.0   999.9       69   3.8   289.0      136   3.6   273.7
  3   0.0   999.9       70   4.0   289.1      137   3.6   273.0
  4   5.2   241.5       71   3.8   291.2      138   3.7   275.8
  5   5.2   241.6       72   3.8   295.0      139   3.7   277.7
  6   5.2   241.9       73   3.8   297.4      140   3.6   278.0
  7   5.2   241.9       74   3.8   293.6      141   3.5   278.0
  8   5.2   241.7       75   3.9   293.0      142   3.7   278.1
  9   5.1   240.7       76   4.5   294.8      143   3.8   277.7
 10   5.1   239.8       77   4.8   296.4      144   3.9   277.4
 11   5.1   240.0       78   5.0   292.5      145   3.8   276.8
 12   5.1   240.5       79   4.8   289.0      146   3.4   272.8
 13   4.8   241.8       80   4.6   288.0      147   3.5   270.2
 14   4.6   242.8       81   4.4   287.7      148   3.4   268.6
 15   4.5   243.5       82   4.3   286.0      149   3.3   267.0
 16   4.6   244.0       83   4.2   284.7      150   3.1   269.2
 17   4.6   244.1       84   4.0   283.7      151   3.1   269.8
 18   4.6   243.8       85   3.8   282.8      152   3.1   268.4
 19   4.4   243.7       86   3.6   282.1      153   3.2   266.0
 20   4.3   243.9       87   3.5   285.1      154   3.3   263.2
 21   4.2   244.3       88   3.6   288.6      155   3.4   261.7
 22   4.2   243.4       89   3.7   287.2      156   3.6   259.8
 23   4.3   242.1       90   3.7   285.8      157   3.7   254.8
 24   4.4   240.7       91   3.7   285.8      158   3.9   251.9
 25   4.3   239.3       92   3.7   287.2      159   4.1   246.2
 26   4.5   239.0       93   3.7   278.4      160   4.2   242.8
 27   4.8   238.6       94   3.5   279.7      161   4.2   242.2
 28   4.9   238.7       95   3.6   279.1      162   4.3   241.8
 29   4.7   239.3       96   3.6   279.4      163   4.5   240.9
 30   4.6   239.7       97   3.9   278.1      164   4.8   240.1
 31   4.5   240.1       98   4.0   277.1      165   5.1   239.3
 32   4.4   240.4       99   3.9   276.5      166   5.1   239.2
 33   4.3   241.8      100   3.8   276.3      167   5.1   239.3
 34   4.3   242.5      101   3.8   276.2      168   5.1   239.8
 35   4.4   242.8      102   3.8   275.8      169   5.2   240.4
 36   4.3   243.1      103   3.8   274.1      170   5.2   240.6
 37   4.2   243.3      104   3.8   272.5      171   5.2   240.4
 38   4.3   243.1      105   4.0   270.5      172   5.2   240.2
 39   4.1   244.0      106   4.0   268.2      173   5.2   240.2
 40   3.7   246.9      107   3.8   265.4      174   5.2   240.5
 41   3.5   249.7      108   3.7   264.6      175   5.2   240.5
 42   3.6   252.2      109   3.8   264.6      176   5.2   240.5
 43   3.8   256.8      110   3.7   264.9      177   5.2   240.5
 44   3.8   259.0      111   3.7   265.1      178   5.2   239.9
 45   3.7   262.6      112   3.6   264.3      179   5.1   239.8
 46   3.5   266.9      113   3.6   264.1      180   5.2   240.9
 47   3.4   270.3      114   3.4   262.4      181   5.2   241.8
 48   3.1   271.9      115   3.4   260.4      182   5.2   242.1
 49   2.9   269.7      116   3.3   261.5      183   5.2   242.1
 50   2.8   265.8      117   3.2   263.5      184   5.2   242.1
 51   2.7   262.1      118   3.1   263.8      185   5.2   242.5
 52   2.6   257.2      119   2.9   258.5      186   5.3   242.8
 53   2.6   253.3      120   2.9   256.0      187   5.3   242.7
 54   2.7   253.7      121   2.9   254.2      188   5.2   242.2
 55   2.5   257.1      122   2.8   256.1      189   5.2   241.7
 56   2.3   260.9      123   2.7   257.1      190   5.2   242.2
 57   2.2   273.7      124   2.8   254.5      191   5.3   243.8
 58   2.4   280.5      125   2.8   257.0      192   5.4   245.1
 59   2.6   281.7      126   2.7   261.7      193   5.4   245.3
 60   2.8   282.2      127   2.6   266.3      194   5.4   245.3
 61   2.9   283.0      128   2.6   271.4      195   5.4   245.0
 62   2.9   284.4      129   3.0   274.0      196   5.3   243.5
 63   2.9   287.5      130   3.5   267.4      197   5.2   241.8
 64   3.0   288.8      131   3.8   265.7      198   5.2   240.9
 65   3.3   289.1      132   3.9   268.9      199   5.2   240.2
 66   3.2   290.4      133   3.7   272.8      200   5.2   240.4
```


CAMP SNOWBIRD STATION 620
DATE 20/ 4/76 TIME 1923(GMT)
TRUE DIRECTION
0
90
180
270
360
SPEED CM/SEC
0
5
10
15
20
25
DEPTH (M)
0
50
100
150
200

```
SNOWBIRD STATION 620     (200M. )      20/APR/76      1923 GMT
LAT= 73.3954N  LONG= 146.0222W  LTER=       1   LCER=      2.
NIVEL=   -1 4   EIVEL=   -5. 5          NVER=       0.   EVER=      0
DPT    SPD    DRN        DPT    SPD    DRN        DPT    SPD    DRN
  0    0. 0   999. 9      67    4. 8   285. 6     134    4. 4   308. 2
  1    0. 0   999 9       68    4. 7   287. 7     135    4. 3   306. 4
  2    0. 0   999. 9      69    4. 6   286. 9     136    4. 2   308. 3
  3    0. 0   999. 9      70    4 3    285 3      137    4 2    309. 9
  4    5. 4   258 8       71    3. 9   288. 1     138    4 4    311 0
  5    5. 4   260. 6      72    3. 8   293. 1     139    4. 4   311. 2
  6    4. 7   270. 0      73    3. 9   299 1      140    4. 5   310. 0
  7    4. 5   269 9       74    4. 1   301. 4     141    4. 4   309. 1
  8    4. 4   269. 6      75    4. 2   295. 2     142    4. 2   307. 1
  9    4. 4   269. 3      76    4. 3   290. 4     143    4. 0   304. 9
 10    4. 3   269. 0      77    4. 3   287. 4     144    3. 9   302. 2
 11    4. 3   268. 8      78    4. 5   288. 8     145    3. 9   297. 5
 12    4. 3   267. 8      79    4. 6   293. 8     146    4. 0   292. 9
 13    4. 3   267. 5      80    4 5    299. 1     147    4. 0   289. 1
 14    4. 2   266. 5      81    4. 4   299. 9     148    4. 0   288. 5
 15    4. 2   265. 5      82    4. 3   300. 0     149    4. 0   288. 7
 16    4. 2   264. 9      83    4. 2   298. 2     150    3. 9   290. 6
 17    4. 2   265. 4      84    4. 1   298. 3     151    3. 9   290. 5
 18    4. 3   267. 8      85    4. 1   297. 4     152    3. 9   289. 9
 19    4. 3   268 5       86    4. 2   300. 4     153    3. 8   292. 6
 20    4. 3   268. 3      87    4. 4   303. 5     154    3. 8   294. 2
 21    4. 4   268. 9      88    4. 6   301. 0     155    4. 1   291. 3
 22    4. 4   270. 2      89    4. 5   301. 0     156    4. 4   290. 1
 23    4. 6   271. 7      90    4. 5   302. 7     157    4. 6   285. 9
 24    4. 7   272. 5      91    4. 4   304. 0     158    4. 7   281. 8
 25    4. 7   272. 6      92    4. 4   304. 2     159    4. 6   278. 8
 26    4. 7   272. 7      93    4. 4   303. 9     160    4. 5   277. 0
 27    4. 7   272. 8      94    4. 3   302. 0     161    4. 4   276. 1
 28    4. 8   273. 3      95    4. 2   299. 2     162    4. 5   275. 4
 29    4. 9   274. 0      96    4. 2   295. 6     163    4. 6   274. 8
 30    5. 0   275. 5      97    4. 1   296. 8     164    4 6    274. 7
 31    4. 9   276. 7      98    4. 2   294. 9     165    4. 6   276. 3
 32    4. 9   277. 0      99    4. 5   292. 5     166    4. 6   277. 0
 33    4. 9   277. 2     100    4. 8   291. 1     167    4. 5   277. 6
 34    4. 8   277. 2     101    4. 8   289. 6     168    4. 4   278. 0
 35    4. 9   277. 2     102    4. 9   288. 8     169    4. 4   278. 2
 36    4. 9   277. 1     103    4. 9   289. 1     170    4. 4   277. 7
 37    5. 0   276. 8     104    4. 9   291. 3     171    4. 4   277. 1
 38    6. 1   269. 8     105    5. 0   293. 7     172    4. 4   276. 5
 39    6. 2   267. 1     106    5 0    296. 9     173    4. 3   275. 9
 40    6. 2   266. 0     107    5. 1   299. 8     174    4. 3   275. 6
 41    6. 2   264. 5     108    5. 1   302. 0     175    4. 4   276. 2
 42    6. 2   262. 9     109    5. 1   302 7      176    4. 3   278. 7
 43    6. 1   261 5      110    5. 0   300. 3     177    4 3    279. 8
 44    5. 5   261 1      111    5. 0   302. 9     178    4. 3   279. 7
 45    4. 8   256. 6     112    5 0    302. 6     179    4. 3   278. 9
 46    4. 7   250 2      113    4. 9   299. 5     180    4. 3   276. 8
 47    4. 6   243. 3     114    4. 9   295. 3     181    4. 3   274. 5
 48    3. 1   245 2      115    4. 8   291. 6     182    4. 3   273. 8
 49    2. 8   276. 5     116    4. 8   290. 9     183    4. 3   275 8
 50    3. 2   284. 6     117    4. 8   291. 3     184    4. 4   275. 2
 51    3. 4   288. 5     118    4 8    292. 2     185    4. 5   272. 5
 52    3. 7   286. 1     119    4. 8   293. 1     186    4. 5   271. 4
 53    4. 1   281. 1     120    4. 7   293. 5     187    4. 6   271. 6
 54    4. 3   281. 1     121    4. 6   291. 9     188    4. 6   272. 0
 55    4. 2   283. 5     122    4. 5   290. 9     189    4. 7   272. 2
 56    4. 1   288. 2     123    4. 5   291 1      190    4. 7   272. 3
 57    4. 1   287. 4     124    4. 5   292. 5     191    4. 7   272. 2
 58    4. 2   284. 7     125    4. 4   294. 1     192    4. 6   271. 9
 59    4. 2   287. 1     126    4. 3   295. 5     193    4. 6   271. 6
 60    4. 3   283. 6     127    4. 3   296. 6     194    4. 5   271. 1
 61    4. 3   280. 1     128    4. 4   297. 8     195    4. 6   271. 4
 62    4. 3   280. 0     129    4. 4   297. 4     196    4. 6   272 0
 63    4. 3   282. 2     130    4. 4   299. 2     197    4 7    272. 2
 64    4. 4   283. 4     131    4. 4   304. 1     198    4. 6   271 8
 65    4. 5   283 6      132    4. 5   309. 4     199    4. 5   271. 3
 66    4. 7   283. 4     133    4. 5   309. 9     200    4. 5   270. 9
```

DISTRIBUTION LIST

1 Division of Polar Programs
National Science Foundation
1800 G Street, N.W.
Washington, D.C. 20550

1 Director of Defense Research and Engineering
Office of the Secretary of Defense
Washington, D.C. 20301
Attn: Office, Assistant Director (Research)

Office of Naval Research
Arlington, VA. 22217
1 Attn: Code 102-C
1 Attn: Code 200
1 Attn: Code 428AR
3 Attn: Code 420

6 Director
Naval Research Laboratory
Washington, D.C. 20375
Attn: Library, Code 2620

1 U.S. Naval Research Laboratory
Code 2627
Washington, D.C. 20375

2 Office of Naval Research - N.Y.
715 Broadway
New York, N.Y. 10003

12 Defense Documentation Center
Cameron Station
Alexandria, VA. 22314

1 Commander
Naval Oceanographic Office
NSTL Station
Bay St. Louis, MS. 39522
Attn: Code 02

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS
BEFORE COMPLETING FORM

1. REPORT NUMBER
Tech. Rept. CU-6-80 Vol.3

2. GOVT ACCESSION NO.

3. RECIPIENT'S CATALOG NUMBER

4. TITLE *(and Subtitle)*
Arctic Ice Dynamics Joint Experiment 1975-1976, Physical Oceanography Data Report, Profiling Current Meter Data, Camp Snowbird, Volume 3

5. TYPE OF REPORT & PERIOD COVERED

6. PERFORMING ORG. REPORT NUMBER

7. AUTHOR(s)
T.O.Manley, Kenneth Hunkins, Werner Tiemann

8. CONTRACT OR GRANT NUMBER(s)
N00014-76-C-0004

9. PERFORMING ORGANIZATION NAME AND ADDRESS
Lamont-Doherty Geological Obsevatory of Columbia University, Palisades, N.Y. 10964

10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
NR 307-359

11. CONTROLLING OFFICE NAME AND ADDRESS
Department of the Navy, Office of Naval Research, Code 481, Arlington, VA. 22217

12. REPORT DATE
February, 1980

13. NUMBER OF PAGES
455

14. MONITORING AGENCY NAME & ADDRESS *(if different from Controlling Office)*

15. SECURITY CLASS. *(of this report)*
Unclassified

15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT *(of this Report)*
Approved for public release; distribution unlimited
Reproduction inwhole or in part is permitted for any purpose of the U. S. Government.

17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

19. KEY WORDS *(Continue on reverse side if necessary and identify by block number)*
AIDJEX, ocean currents, Arctic Ocean, mesoscale eddies, Ekman Drift.

20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

The oceanographic program of the 1975-1976 ARCTIC ICE DYNAMIC JOINT EXPERIMENT (AIDJEX) was designed to investigate the Arctic Ocean on space scales of 100 kilometers in the horizontal and hunderds of meters in the vertical. This was accomplished with oceanographic observations from a triangular array of three smaller manned satellite camps with a centrally located larger main camp. The radio call signs of the satellite camps were Caribou, Blue Fox

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE
S/N 0102-014-6601

and Snowbird; the main camp being designated Big Bear.

Profiles of relative current speed and directio were measured twice each day between the surface and 200 meters at each of the four camps. A profiling current meter (PCM) with speed, direction and depth sensors was lowered and retrieved with a multi-conductor cable at a slow rate of 5 meters per minute. Sensor signals were transmitted by cable to be recorded graphically and digitally at the surface. Digital recording of the data at a slow rate of 1 scan per half minute along with a low signal-to noise ratio made it preferable to manually digitize the analog charts ro preserve as much information as possible.

The final dat set, consisting of absolute velocity profiles of speed and direction,was obtained by the vector addition of the relative PCM profiles wath the interpolated ice velocity based on precise satellite navigation at the time of the observation. Data reduction problems included a hysteresis effect between the up and down traces due to cable angle, directional spikes resulting from a rapid sensor package rotation, and spurious results when low velocities are added vectorially.

Relative speed between the ice and water in the upper mixed layer is often small, indicating that this layer closely follows the ice motion. Persistent large clockwise shears in relative current direction occur sometimes in the mixed layer, attaining up to 540 degrees of rotation. These are best seen in the relative velocity data. Upon the addition of the ice velocity vecteor, to produce absolute velocities, the smooth relative directional shear of the Ekman spiral the exhibits local shears and speed minimums . This is due to the directions and speeds in the spiral being opposite or nearly opposite to the ice velocity vector and of comparable magnitude.

One of the most striking features of the current profiles is the appearance from time to time of swift currents below the mixed layer with speeds attaining 60 cm/sec. The depth of maximum velocity ranges fro 80 to 190 meters. Although evidence of swift transient undercurrents had been observed in the Arctic Ocean as early as 1937, it was not until 1974 that these currents were shown to be associated with mesoscale eddies.

This Data report deals only with the absolute velocity data obtained from the profiling current meter at Camp Snowbird. PCM data for Camps Blue Fox, Big Bear and Caribou are in seperate volumes(Manley et al., 1980). Data reports pertaining to the salinity-temperature-depth (STD) data taken at the manned AIDJEX camps are also in seperate volumes(Bauer et al., 1980).

COLUMBIA LIBRARIES OFFSITE
CU90424492

PLEASE PRINT AND BEAR DOWN FIRMLY
COLUMBIA UNIVERSITY LIBRARIES
JAN 1 9 2001 GCC
CHARGED
FEB 2 3 2001
DUE
CALL NO.